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Water Supply Outlook For Utah

Conservation Outlook
1980



SOIL CONSERVATION SERVICE
U.S. DEPARTMENT OF AGRICULTURE

Cooperating with

UTAH STATE DEPARTMENT of NATURAL RESOURCES

AS OF
APR. 1, 1980

TO RECIPIENTS OF WATER SUPPLY OUTLOOK REPORTS:

Most of the usable water in western states originates as mountain snowfall. This snowfall accumulates during the winter and spring, several months before the snow melts and appears as streamflow. Since the runoff from precipitation as snow is delayed, estimates of snowmelt runoff can be made well in advance of its occurrence. Streamflow forecasts published in this report are based principally on measurement of the water equivalent of the mountain snowpack.

Forecasts become more accurate as more of the data affecting runoff are measured. All forecasts assume that climatic factors during the remainder of the snow accumulation and melt season will interact with a resultant average effect on runoff. Early season forecasts are therefore subject to a greater change than those made on later dates.

The snow course measurement is obtained by sampling snow depth and water equivalent at surveyed and marked locations in mountain areas. A total of about ten samples are taken at each location. The average of these are reported as snow depth and water equivalent. These measurements are repeated in the same location near the same dates each year.

Snow surveys are made monthly or semi-monthly from January 1 through June 1 in most states. There are about 1900 snow courses in Western United States and in the Columbia Basin in British Columbia. Networks of automatic snow water equivalent and related data sensing devices, along with radio telemetry are expanding and will provide a continuous record of snow water and other parameters at key locations.

Detailed data on snow course and soil moisture measurements are presented in state and local reports. Other data on reservoir storage, summaries of precipitation, current streamflow, and soil moisture conditions at valley elevations are also included. The report for Western United States presents a broad picture of water supply outlook conditions, including selected streamflow forecasts, summary of snow accumulation to date, and storage in larger reservoirs.

Snow survey and soil moisture data for the period of record are published by the Soil Conservation Service by states about every five years. Data for the current year is summarized in a West-wide basic data summary and published about October 1 of each year.

COVER PHOTO: THE SNOTEL PROJECT CENTRAL COMPUTER FACILITIES IN PORTLAND, OREGON. THE TERMINAL, PRINTER, COMPUTER AND TAPE DRIVES HAVE NOT COMPLETELY REPLACED THE SNOW SAMPLING TUBES SEEN IN THE FOREGROUND.

PUBLISHED BY SOIL CONSERVATION SERVICE

The Soil Conservation Service publishes reports following the principal snow survey dates from January 1 through June 1 in cooperation with state water administrators, agricultural experiment stations and others. Copies of the reports for Western United States and all state reports may be obtained from Soil Conservation Service, West Technical Service Center, Room 510, 511 N.W. Broadway, Portland, Oregon 97209.

Copies of state and local reports may also be obtained from state offices of the Soil Conservation Service in the following states:

STATE	ADDRESS
Alaska	Room 129, 2221 East Northern Lights Blvd., Anchorage, Alaska 99504
Arizona	Room 3008, Federal Building, 230 N. First Ave., Phoenix, Arizona 85025
Colorado (N. Mex.)	P. O. Box 17107, Denver, Colorado 80217
Idaho	Room 345, 304 N. 8th. St., Boise, Idaho 83702
Montana	P. O. Box 98, Bozeman, Montana 59715
Nevada	P. O. Box 4850, Reno, Nevada 89505
Oregon	1220 S. W. Third Ave., Portland, Oregon 97204
Utah	4420 Federal Bldg., 125 South State St., Salt Lake City, Utah 84138
Washington	360 U. S. Court House, Spokane, Washington 99201
Wyoming	P. O. Box 2440, Casper, Wyoming 82602

PUBLISHED BY OTHER AGENCIES

Water Supply Outlook reports prepared by other agencies include a report for California by the Snow Surveys Branch, California Department of Water Resources, P.O. Box 388, Sacramento, California 95802 --- for British Columbia by the Ministry of the Environment, Water Investigations Branch, Parliament Buildings, Victoria, British Columbia V8V 1X5 --- for Yukon Territory by the Department of Indian and Northern Affairs, Northern Operations Branch, 200 Range Road, Whitehorse, Yukon Territory Y1A 3V1 --- and for Alberta, Saskatchewan, and N.W.T. by the Water Survey of Canada, Inland Waters Branch, 110-12 Avenue S.W., Calgary, Alberta T3C 1A6.



WATER SUPPLY OUTLOOK FOR UTAH

and
FEDERAL - STATE - PRIVATE COOPERATIVE SNOW SURVEYS

Issued by

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ADMINISTRATOR
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In Cooperation with

UTAH STATE DEPT. OF NATURAL RESOURCES

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SOIL CONSERVATION SERVICE
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PROSPECTIVE WATER SUPPLIES

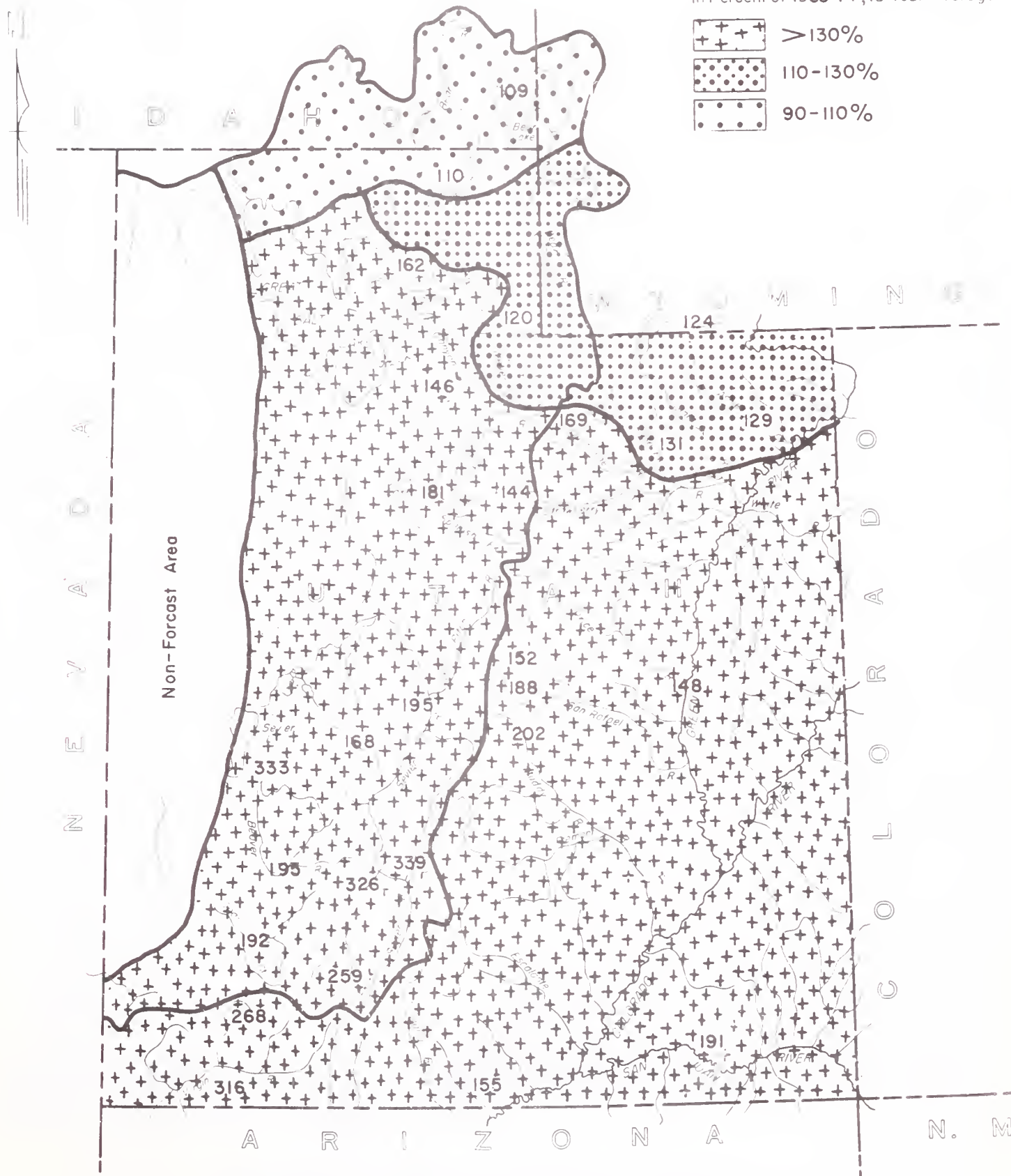
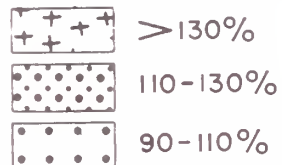
Based on Snow Surveys Made on
UTAH and BEAR RIVER WATERSHEDS

April 1, 1980

Approximate Date

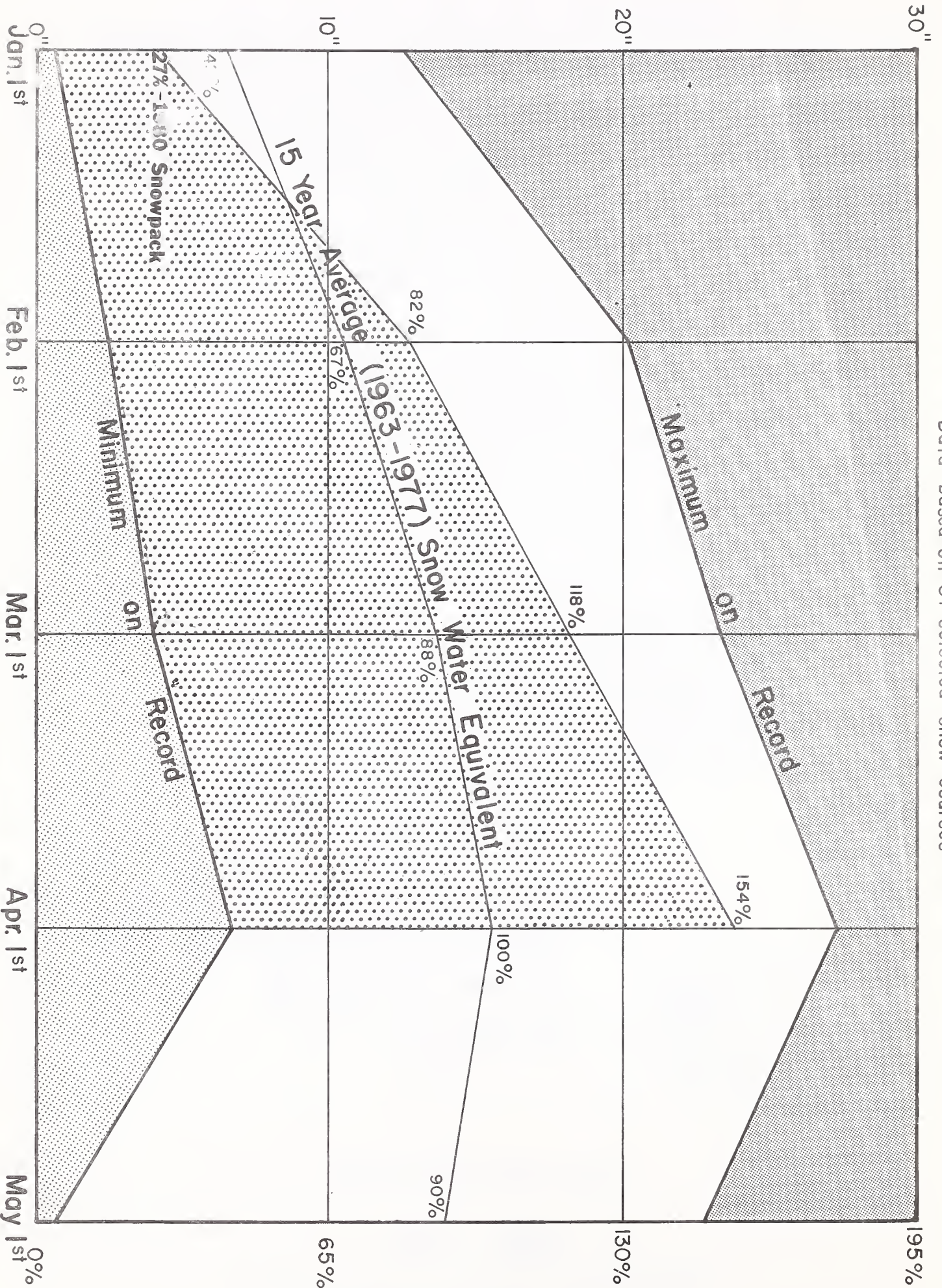


FORECAST STREAM FLOW
in Percent of 1963-77, 15 Year Average



UTAH'S WINTER SNOWPACK

Data based on 51 selected snow courses



PERCENT OF APRIL 1st SNOW WATER EQUIVALENT

1980 SNOWPACK



WATER SUPPLY OUTLOOK

as of
April 1, 1980

* * * * *
* Utah's 1980 water supply outlook ranges from near *
* average to excellent. Snow cover is 154% of the *
* April 1 average ranging from 96% on the Raft River *
* to 309% above Enterprise in the southwest corner *
* of the state. Reservoir storage is 104% of the *
* April 1 average statewide. *
* * * * *

SNOW COVER

Snow cover had above average gain for the third successive month and now ranges from 96% of average on the Raft River Mountains in the extreme northwest corner of the state to 309% in the southwest corner above Enterprise. Snow cover is very heavy in the southern third of the state with the Virgin River 204%, Upper Sevier 205%, Coal Creek 213%, Escalante River 205%, Fremont River 180%, Blue Mountains 222%, and LaSal Mountain 192% of the April 1 average.

The Uinta Basin averages 178%, the Provo-Utah Lake Basin 170%, Weber Basin 141%, Ogden Basin 165%, Bear Basin 122%, Price River 183%, San Rafael 165%, and the Muddy 168% of average.

PRECIPITATION

March precipitation at mountain stations generally ranged from near average along the northern border to better than twice average at some southern and eastern Utah locations.

SOIL MOISTURE

Watershed soils under the medium and high elevation snow pack are still drier than average and will absorb some moisture as snow melt progresses.

RESERVOIR STORAGE

Reservoir storage in 26 key irrigation reservoirs now averages 104% of the April 1 average and 3% higher than a year ago. Again this month Moon Lake, Steinaker and Starvation Reservoirs are below average but should improve greatly or fill as runoff progresses. Utah Lake is now 0.51 feet below compromise and the Great Salt Lake is now 4199.2 feet above sea level.

STREAMFLOW FORECASTS

Streamflow forecasts for the snow melt runoff season now range from near average on the Bear River to better than three times average on the Virgin, Sevier, and Beaver Rivers.

WATER SUPPLY OUTLOOK (continued)

Bear River forecasts range from 105% at Harer, Idaho to 124% near Woodruff. Logan River is forecast 110%, Blacksmith Fork 113%, Little Bear 132%, and Cub River 116%.

The South Fork of the Ogden River is forecast 151% and Pineview Inflow 162%.

Weber River forecasts range from 120% of average on Chalk Creek to 159% for the Weber River at Gateway.

Provo River forecasts range from 147% at Hailstone to 181% for Utah Lake Inflow. Spanish Fork and Hobble Creek are 218% and 210% respectively. Creeks along the Salt Lake Front range from 129% for Little Cottonwood to 160% for Mill Creek.

Uintah Basin streams are forecast from 118% on the Whiterocks River to 235% for the Duchesne at Randlett. Ashley Creek is 129%, Lakefork 131%, Rock Creek 159%, Duchesne at Tabiona 164% and Strawberry River 223%.

Price River is forecast 167% for Scofield Inflow and 150% at Heiner. Huntington Creek is forecast 163%, Cottonwood 152%, Ferron 188%, Muddy 202%, and Seven Mile Creek 142%. Mill Creek above Moab is forecast 192% of average.

Beaver River is forecast 195% near Beaver and 333% for Minersville Inflow.

The Sevier is forecast 259% at Hatch, 326% at Kingston, 339% for the East Fork, 354% below Piute Dam and 217% at Gunnison.

The Virgin River is forecast 316% near Hurricane and 268% for the Santa Clara near Pine Valley. Coal Creek is forecast 192% of average.

Peak flows on the Virgin, Sevier, Beaver, Coal Creek and some other streams in central and eastern Utah are expected to be well above average this year. Precautions should be taken to protect property in the flood plains of these streams.

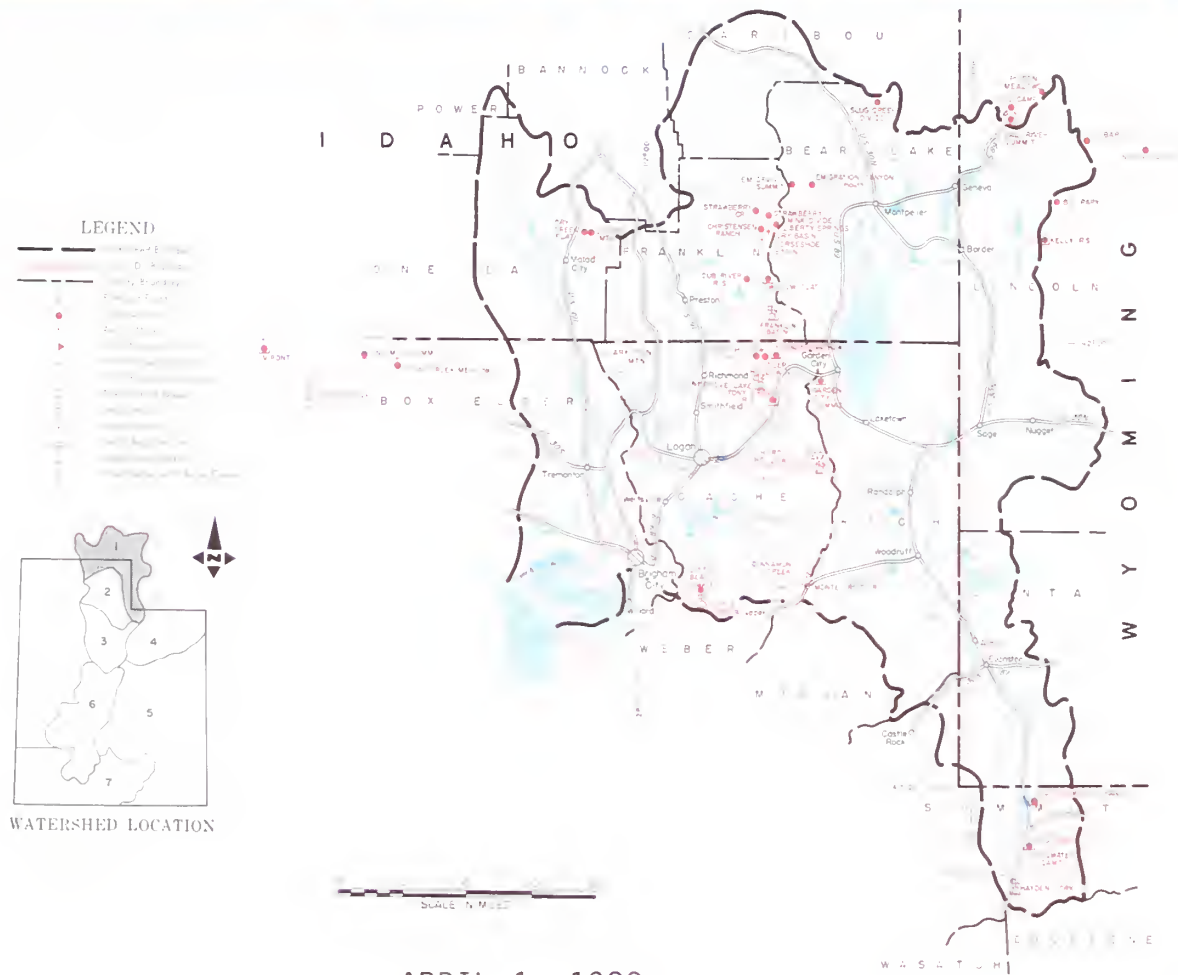
RESERVOIR STORAGE (Thousand Acre Feet) END OF MONTH

Basin or Stream	RESERVOIR	Usable Capacity	Usable Storage		
			This Year	Last Year	Average†
GREAT BASIN					
<u>Bear River</u>	Bear Lake	1421.0	1036.2	1039.6	1039.5
	Woodruff Narrows	26.5	17.5e	19.5	23.8
<u>Beaver River</u>	Minersville (RkyFd)	23.3	20.5	15.9	14.9
<u>Little Bear</u>	Hyrum	15.3	10.3	10.5	12.4
	Porcupine	11.3	4.2	5.4	5.2
	Causey	6.9	2.7	2.0	2.5
	Pineview	110.1	77.1	59.7	55.8
<u>Provo</u>	Deer Creek	149.7	121.5	84.8	108.7
<u>Settlement Creek</u>	Settlement Creek	1.2	0.6	0.7	--
	Vernon Creek	0.6	0.6	0.6	--
	Gunnison	18.2	18.2	18.1	16.5
	Otter Creek	52.5	52.5	31.5	37.3
	Piute	71.8	50.8	34.8	49.9
	Sevier Bridge	236.0	192.0	106.0	146.8
<u>Spanish Fork</u>	Strawberry	270.0	168.5	167.8	156.9
<u>Utah Lake</u>	Utah Lake	883.9	835.7	857.8	752.0
<u>Weber</u>	East Canyon	48.1	35.1	41.3	29.0
	Echo	73.9	54.9	59.8	50.7
	Lost Creek	20.0	12.9	14.8	13.1
	Rockport	60.9	18.7	34.5	32.5
	Willard Bay	193.3	183.3	159.6	145.6
COLORADO RIVER BASIN					
<u>Ashley Creek</u>	Steinaker	33.3	16.7	13.7	23.4
<u>Colorado</u>	Blue Mesa	829.5	370.0	311.5	--
	Lake Powell	25002.0	21240.0	15946.0	--
<u>Green</u>	Flaming Gorge	3749.0	2245.0	2471.6	--
<u>Lakefork</u>	Moon Lake	35.8	10.5	9.0e	19.6
<u>Price River</u>	Scofield	65.8	44.7	42.5	36.8
<u>San Juan</u>	Navajo	1696.0	1017.0	1185.0	--
<u>San Rafael</u>	Huntington North	3.9	3.9	2.5	3.6
	Joe's Valley	54.6	35.7	39.2	38.0
	Mill Site	16.7	4.2	6.8	--
<u>Strawberry</u>	Starvation	165.3	49.6	122.8	127.6
<u>Uintah</u>	Bottle Hollow	11.3	11.1	9.9	10.6

WATER SUPPLY OUTLOOK

BEAR RIVER BASIN in UTAH

UNITED STATES DEPARTMENT OF AGRICULTURE - SOIL CONSERVATION SERVICE
UTAH STATE DEPARTMENT OF NATURAL RESOURCES



APRIL 1, 1980

THE WATER SUPPLY OUTLOOK IS NEAR AVERAGE

SNOW COVER improved during March and now ranges from 96% on the Raft River to 122% on the Bear. Logan River is 116% of average.

PRECIPITATION at mountain stations ranged from 93% of average at Klondike Narrows to 186% at Little Bear Upper. Most other sites were near average to 30% above average.

SOIL MOISTURE is still drier than average under the high elevation snow pack.

RESERVOIR STORAGE is near average.

STREAMFLOW FORECASTS range from 102% for Big Creek to 132% for Little Bear. Bear River is forecast 116% at State Line, 124% near Woodruff, 118% at Randolph, and 105% at Harer, Idaho. Logan River is forecast 110%, Blacksmith Fork 113%, and Cub River 116%.

BEAR RIVER BASIN in UTAH

STREAMFLOW FORECASTS

STREAMFLOW FORECASTS	THIS YEAR			PAST RECORD	
	BASIN, STREAM and/or FORECAST POINT	FORECAST		THOUSAND ACRE FEET	
		Thousand Acre Feet	Percent of Average	FORECAST PERIOD	Last Year
BEAR RIVER					
Bear nr UT-Wyo. State Line	132	116	Apr-July	90	114
Bear nr Woodruff	184	124	Apr-July	68	148
Woodruff Crk nr Woodruff, UT	18.9	103	Apr-July	16.4	18.4b
Big Creek nr Randolph, Utah	5.1	102	Apr-July	--	5.0b
Bear nr Randolph	142	118	Apr-July	40	120
Thomas Fork nr UT-Wy State Ln	38	109	Apr-Sept	--	35
Smith's Fork nr Border, Wyo.	125	104	Apr-Sept	--	120
Bear at Harer, Idaho 1/	350	105	Apr-Sept	--	332
Logan nr Logan 1	130	110	Apr-July	92	118
Blacksmith Fork nr Hyrum	61	113	Apr-July	40	54
Little Bear nr Paradise	50	132	Apr-June	27	38
Cub River nr Preston, ID	58	116	Apr-Sept	--	52
1 - Observed flow corrected for change in storage and diversions					
2 - Provisional flows - Subject to correction					
b - Average of all past record less than 15 years					

SUMMARY of SNOW MEASUREMENTS

RIVER BASIN and/or SUBWATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF	
		Last Year	
		Last Year	Average †
BEAR RIVER	30	116	122
UPPER BEAR RIVER	6	121	122
LOWER BEAR RIVER	24	115	122
LOGAN RIVER	7	113	116
UPPER RAFT RIVER	3	104	96

RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE		
			This Year	Last Year	Average †
BEAR RIVER	Bear Lake	1421.0	1036.2	1039.6	1039.5
	Woodruff Narrows	26.5	17.5e	19.5	23.8
LITTLE BEAR	Hyrum	15.3	10.3	10.5	12.4
	Porcupine	11.3	4.2	5.4	5.2
+ - 1963-77 15 year Average Period					
e - estimated					

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET)	
	Forecast Range	
	Last Year	Average †
Bear River nr UT/WY Stateline	1700-2300	1600
Big Creek nr Randolph	81-121	44
Logan River nr Logan	1000-1400	1016
Woodruff Creek nr Woodruff	250-350	267
Little Bear nr Paradise	600-900	517

SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)	
				Last Year	Average †
Burts-Miller Ranch	3/24	30	9.3	5.3	6.1
Cub River R.S.	4/3	26	10.4	9.8	6.9
Emigrant Summit	4/3	83	27.6	23.7	26.0
Franklin Basin	4/3	82	32.1	27.8	28.2
Hayden Fork	3/24	63	23.0	17.5	15.9
Klondike Narrows	4/3	64	25.9	20.7	20.7

SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)	
				Last Year	Average †
Little Bear Lower	4/2	34	12.6	11.7	9.9
Little Bear Upper	4/2	46	16.7	16.0	12.9
Monte Cristo	4/2	81	31.1	24.7	25.9
Salt River Summit	3/27	55	16.4	18.4	16.9
Stillwater Camp	3/24	49	15.7	10.7	11.3b
Tony Grove R.S.	4/3	36	14.0	14.6	11.9

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SOIL CONSERVATION SERVICE
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Salt Lake City, Utah 84138

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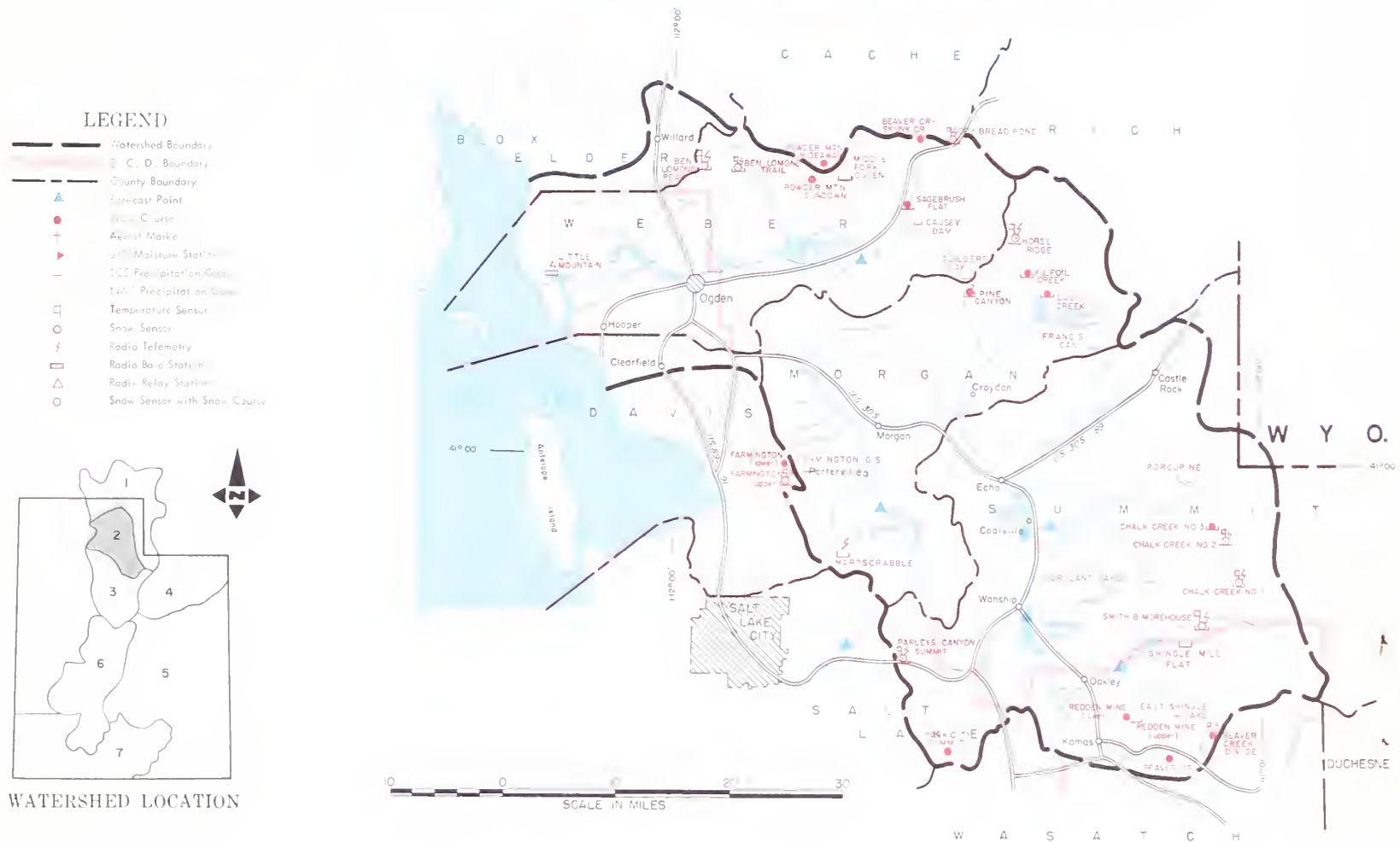
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"The Conservation of Water begins with the Snow Survey"

WATER SUPPLY OUTLOOK

WEBER-OGDEN WATERSHEDS in UTAH

UNITED STATES DEPARTMENT OF AGRICULTURE - SOIL CONSERVATION SERVICE
UTAH STATE DEPARTMENT OF NATURAL RESOURCES



APRIL 1, 1980

THE WATER SUPPLY OUTLOOK IS ABOVE AVERAGE

SNOW COVER is 165% of the April 1 average on the Ogden Basin and 141% on the Weber.

PRECIPITATION at mountain stations ranged from 109% of average at Chalk Creek #3 to 163% at Farmington Lower.

SOIL MOISTURE is still drier than average under the higher elevation snow pack.

RESERVOIR STORAGE is above average except in Rockport and Lost Creek and these are expected to fill with the spring runoff.

STREAMFLOW FORECASTS range from 120% of average on Chalk Creek to 162% for Pineview Inflow. Weber River is forecast 125% at Oakley, 138% for Rockport Inflow, 128% for Echo Inflow and 159% at Gateway. East Canyon is forecast 158%, Lost Creek 149% and South Fork Ogden 151%. Farmington Creek is forecast 143% and Hardscrabble Creek 134% of average.

Peak flows in this area are expected to be above average but should not cause much damage unless higher than average temperatures and precipitation occurs before low elevation snow melts.

WEBER-OGDEN WATERSHEDS in UTAH

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR		FORECAST PERIOD	PAST RECORD	
	FORECAST	FORECAST		THOUSAND ACRE FEET	
	Thousand Acre Feet	Percent of Average		Last Year	Average †
WEBER-OGDEN RIVERS					
Weber nr Oakley	130	125	Apr-June	82	104
Rockport Reservoir Inflow ¹	154	138	Apr-June	60	112
Chalk Creek at Coalville	47	120	Apr-June	13.5	39
Weber nr Coalville	162	132	Apr-June	49	123
Echo Res. Inflow	205	128	Apr-June		160
Lost Creek nr Croydon, Utah	26	149	Apr-June	15.5	17.4b
East Canyon Creek nr Morgan	41	158	Apr-June	20.0	26
Hardscrabble Crk nr Porterville	25	134	Apr-June		18.6e
South Fork Ogden nr Huntsville	86	151	Apr-June	59	57
Pineview Reservoir Inflow ²	186	162	Apr-June	124	115
Weber at Gateway	490	159	Apr-June	162	308
JORDAN RIVER & SALT LAKE					
Farmington Crk nr Farmington	116	143	Apr-July	--	8.1b

- 1 - Observed flow corrected for change in storage and diversions
 2 - Inflow record as computed by U.S. Bureau of Reclamation
 3 - Provisional flows - Subject to Correction
 † Average of all past record - less than 15 years

RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Useful Capacity	USEABLE STORAGE		
			This Year	Last Year	Average †
OGDEN	Causey	6.9	2.7	2.0	2.5
	Pineview	110.1	77.1	59.7	55.8
WEBER	East Canyon	48.1	35.1	41.3	29.0
	Echo	73.9	54.9	59.8	50.7
	Lost Creek	20.0	12.9	14.8	13.1
	Rockport	60.9	18.7	34.5	32.5
	Willard Bay	193.3	183.3	159.6	145.6

SNOW

DRAINAGE BASIN and/or SNOW COURSE	Date of Survey	THIS YEAR		PAST RECORD	
		Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)	
NAME				Last Year	Average †
Beaver Creek R.S.	3/26	44	9.9	5.8	7.2
Beaver Creek-Skunk Creek	4/2	45	18.5	14.5	12.0
Ben Lomond Peak	4/2	132	56.5	45.3	34.1
Ben Lomond Trail	4/2	63	27.8	27.7	16.2b
Chalk Creek #1	3/24	85	30.2	19.9	22.4
Chalk Creek #2	3/24	63	19.3	14.7	15.6
Dry Bread Pond	4/2	71	29.5	20.6	18.9

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF	
		Last Year	Average †
OGDEN RIVER	5	126	165
WEBER RIVER	11	133	141

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET)	
	Forecast Range	Average †
South Fork Ogden nr Huntsville	900-1200	772
Chalk Creek nr Coalville	500-850	569
Lost Creek nr Croydon	350-500	206b

SNOW

DRAINAGE BASIN and/or SNOW COURSE	Date of Survey	THIS YEAR		PAST RECORD	
		Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)	
NAME				Last Year	Average †
Horse Ridge	4/2	69	27.3	23.1	21.9b
Lost Creek Reservoir	--	--	--	6.4	2.0b
Monte Cristo	4/2	81	31.1	24.7	25.9
Parleys Canyon Summit	3/27	78	23.5	17.8	18.5
Sagebrush Flat	4/2	12	4.9	0.7	2.0
Smith & Morehouse	3/24	54	18.3	14.7	12.9
Trial Lake	3/26	102	38.6	27.0e	23.5

e - estimated

UNITED STATES DEPARTMENT OF AGRICULTURE

SOIL CONSERVATION SERVICE

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Salt Lake City, Utah 841138

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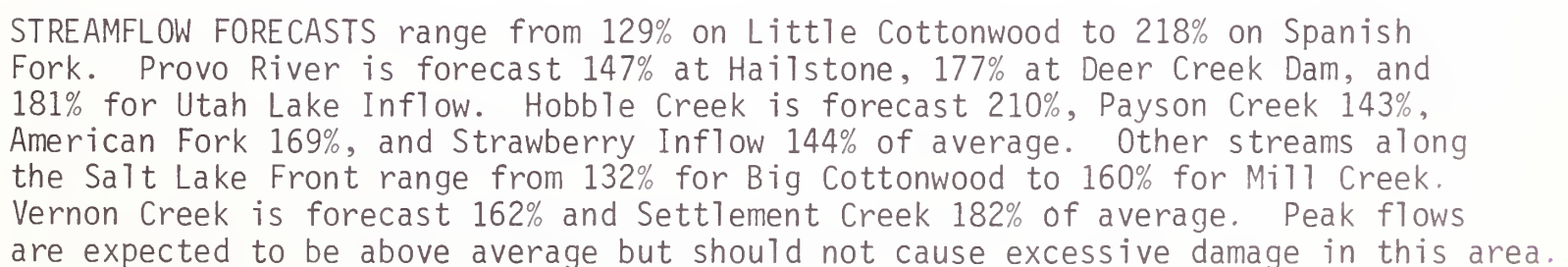
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UNITED STATES DEPARTMENT OF AGRICULTURE-SOIL CONSERVATION SERVICE
UTAH STATE DEPARTMENT OF NATURAL RESOURCES-DIVISION OF WATER RIGHTS



UTAH LAKE, JORDAN RIVER and TOOELE VALLEY WATERSHEDS in UTAH

STREAMFLOW FORECASTS

STREAMFLOW FORECASTS	THIS YEAR			PAST RECORD	
	FORECAST		FORECAST PERIOD	THOUSAND ACRE FEET	
	Thousand Acre Feet	Percent of Average		Last Year	Average †
PROVO RIVER AND UTAH LAKE					
Provo nr Hailstone 1	150	147	Apr-July	-	109
Provo below Deer Creek Dam 1	213	177	Apr-July	-	122
American Fork nr American Fork	52	169	Apr-July	-	31
Hobble Creek nr Springville 1	37	210	Apr-July	-	19.7b
Strawberry Reservoir Inflow 1	75	144	Apr-July	-	52
Spanish Fork at Thistle	85	218	Apr-July	-	39b
Payson Creek nr Payson	9.0	143	Apr-July	-	63
Utah Lake Inflow	442	181	Apr-July	-	244
JORDAN RIVER & SALT LAKE					
Little Cottonwood Crk nr SLC	49	129	Apr-July	-	38
Big Cottonwood nr SLC	50	132	Apr-July	30	38
Parley's Creek nr SLC	22	146	Apr-July	-	15.4
Mill Creek nr SLC	10.1	160	Apr-July	-	8.8
Emigration Creek nr SLC	6.0	150	Apr-July	-	4.9
City Creek nr SLC	11.6	145	Apr-July	-	10.7
TOOELE VALLEY					
Vernon Creek nr Vernon	1.3	162	Apr-July	-	0.8
Settlers Creek nr Tooele	4.0	182	Apr-July	-	2.2
RESERVOIR STORAGE (THOUSAND ACRE FEET)					

RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE		
			This Year	Last Year	Average †
SPANISH FORK	Strawberry	270.0	168.5	167.8	156.9
UTAH LAKE	Utah Lake	883.9	835.7	857.8	752.0
	Settlement Creek	1.2	0.6	0.7	--
	Vernon Creek	0.6	0.6	0.6	--
PROVO	Deer Creek	149.7	121.5	84.8	108.7

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF	
		Last Year	Average †
PROVO RIVER & UTAH LAKE	14	125	170
JORDAN RIVER & SALT LAKE	6	132	137
TOOELE VALLEY	4	120	139

1 - Observed flow corrected for change in storage and diversions
 2 - Provisional flows - Subject to correction
 a - Partly estimated

PEAK FLOWS

FORECAST POINT	PEAK FLOW-SECOND FEET	
	Forecast Range	Average †
Hobble Creek nr Springville	400-500	260 ^b
Spanish Fork nr Thistle	850-1050	482 ^b
Big Cottonwood nr Salt Lake City	475-575	310
Mill Creek nr Salt Lake City	75-95	--
Parleys Cn. nr Salt Lake City	225-275	116

SNOW

SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)	
				Last Year	Average †
NAME					
Bevans Cabin	3/30	38	12.3	10.1	11.5
Camp Altamont	3/27	72	28.2	23.6	13.4
Clear Creek #1	3/26	80	27.2	22.8	18.2
Clear Creek #2	3/26	67	21.3	17.0	13.6
Clear Creek #3	3/26	33	10.8	6.9	5.2
Daniels-Strawberry Summit	3/26	67	24.7	18.2	13.7
Deseret Peak	3/26	99	33.5	--	--
Dutchman R.S.	3/28	85	33.8	22.2	15.4
Hobble Creek Summit	3/26	62	21.3	21.8	12.9
Lambs Canyon #2	3/27	69	21.8	14.6	--
Middle Canyon	3/29	44	19.2	16.9	14.1
Mill Creek	3/31	81	25.9	17.6	--

SNOW

SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)	
				Last Year	Average †
Mill D South Fork	3/28	73	24.0	18.4	19.9
Parleys Canyon Summit	3/27	78	23.5	17.8	18.5
Payson R.S.	3/26	69	24.1	22.7	18.4
Rocky Basin-Settlement Canyon	3/26	105	39.8	29.2	27.1
Silver Lake Brighton	3/28	107	37.2	28.0	24.9
Soapstone R.S.	3/26	54	19.2	12.4	11.6
South Fork R.S.	3/28	18	7.4	11.4	3.2
Timpanogos Divide	3/27	107	40.2	31.4	23.5
Trial Lake	3/26	102	38.6	27.0e	23.5
Vernon Creek	3/28	59	17.3	17.4	11.2a

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UINTAH BASIN and DAGGETT SCD's in UTAH

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THE WATER SUPPLY OUTLOOK RANGES FROM AVERAGE TO ABOVE AVERAGE

PRECIPITATION at mountain stations ranges from near average on the north slope Uintahs to 250% at Paradise Park on the south slope.

RESERVOIR STORAGE is still below average in Moon Lake and Steinaker Reservoirs.

STREAMFLOW FORECASTS have increased again this month and now range from 112% of the April-July average for Flaming Gorge Inflow to 235% for the Duchesne at Randlett. The Duchesne at Tabiona is forecast 164%, at Duchesne 160% and at Myton 214%. Currant Creek is forecast 175%, Strawberry at Duchesne 223%, Rock Creek 159%, Lakefork 131%, Yellowstone 127%, Uintah 128%, Whiterocks 118% and Ashley Creek 129%.

STREAMFLOW FORECASTS

BASIN STREAM and/or FORECAST POINT	THIS YEAR			PAST RECORD	
	FORECAST		FORECAST PERIOD	THOUSAND ACRE FEET	
	Thousand Acre Feet	Percent of Average		Last Year	Average †
DUCHESNE RIVER					
Duchesne nr Tabiona ¹	175	164	Apr-July	--	107
Duchesne at Duchesne ¹	308	160	Apr-July	--	193
Strawberry at Duchesne	127	223	Apr-July	--	57
Rock Creek nr Mtn. Home	151	159	Apr-July	--	95
Currant Creek nr Fruitland	35	175	Apr-July	--	20
Lakefork below Moon Lake ¹	94	131	Apr-July	55	72
Yellowstone nr Altonah	85	127	Apr-July	48	67
Duchesne at Myton ¹	450	214	Apr-July	--	210
Whiterocks nr Whiterock	71	118	Apr-July	44	60
Uintah nr Neola	114	128	Apr-July	61	89
Duchesne at Randlett ¹	626	235	Apr-July	--	266
West Fork Duchesne at Hanna	44	169	Apr-July	--	26
FLAMING GORGE TO DUCHESNE RIVER					
Henry's Fork at Linwood	67	124	Apr-Sept	--	54
Black's Fork at Millburne	124	135	Apr-July	--	92
Flaming Gorge Inflow ¹	1450	112	Apr-July	781	1292
Ashley Creek nr Vernal	66	129	Apr-July	39	51

RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE		
			This Year	Last Year	Average †
ASHLEY CREEK	Steinaker	33.3	16.7	13.7	23.4
GREEN RIVER	Flaming Gorge	3749.0	2245.0	2471.6	--
LAKE FORK	Moon Lake	35.8	10.5	9.0e	19.6
STRAWBERRY	Starvation	165.3	49.6	122.8	127.6
UINTAH	Bottle Hollow	11.3	11.1	9.9	10.6

SNOW

SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (inches)	Water Content (inches)	Water Content (inches)	
				Last Year	Average †
Brown Duck Ridge	3/26	85	22.5	22.0e	17.4a
Currant Creek	3/26	58	19.2	14.3	7.7
Daniels-Strawberry	3/26	67	24.7	18.2	13.7
Hewinta G.S.	3/24	46	15.0e	12.0	9.4
Hickerson Park	3/25	44	14.6	5.7	5.9b
Hole-in-the-Rock	3/28	37	8.9	7.1	5.0
Hole-in-the-Rock G.S.	3/28	38	9.1	5.6	1.4
Jackson Park	3/26	72	22.7	13.8e	11.5b
Kings Cabin Upper	3/25	44	14.6	5.7	5.9b

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF	
		Last Year	Average
DUCHESNE RIVER - TOTAL	12	123	178
LAKEFORK-YELLOWSTONE CREEKS	2	175	211
STRAWBERRY RIVER	4	124	175
UINTAH - WHITEROCKS RIVERS	3	119	190
ASHLEY CREEK	1	119	189
BLACK'S FORK	4	125	150
1 - Observed flow corrected for change in storage and diversions			
2 - Provisional flows - Subject to correction			

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET)	
	Forecast Range	Average †
Strawberry at Duchesne	1200-1800	656
Ashley Creek nr Vernal	1100-1600	1030

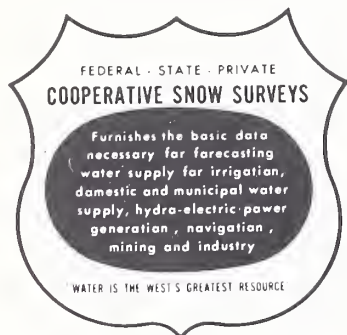
SNOW

SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (inches)	Water Content (inches)	Water Content (inches)	
				Last Year	Average †
NAME					
Lakefork Mountain	3/26	59	19.1	12.7e	10.6
Mosby Mountain	3/26	68	18.7	15.7	8.6
Paradise Park	3/25	69	19.3	21.5e	11.8
Rock Creek Ranch	3/26	44	12.3	7.3	5.8
Spirit Lake	3/25	65	19.1	18.0	12.1
Steel Creek Park	3/24	66	21.0	17.0	15.6
Strawberry Divide	3/31	81	27.3	23.2	18.5
Trout Creek	3/25	58	18.1	16.7	--
e - estimated					

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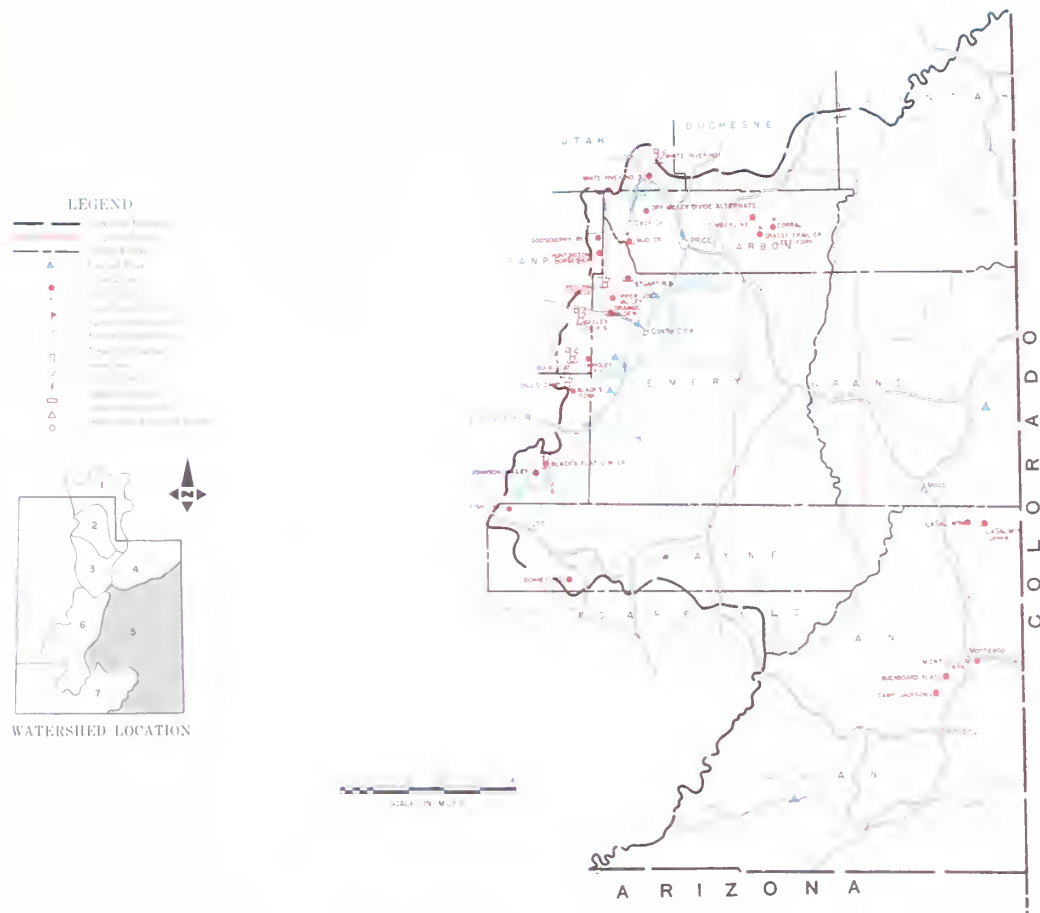
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WATER SUPPLY OUTLOOK

CARBON, EMERY, WAYNE, GRAND and SAN JUAN COUNTIES in UTAH

UNITED STATES DEPARTMENT OF AGRICULTURE-SOIL CONSERVATION SERVICE
UTAH STATE DEPARTMENT OF NATURAL RESOURCES



APRIL 1, 1980

THE WATER SUPPLY OUTLOOK IS ABOVE AVERAGE

SNOW COVER ranges from 165% of the April 1 average on the San Rafael to 221% on the Blue Mountains above Monticello. The LaSal Mountains are 192%, Price River 183%, and Fremont River 180% of average.

PRECIPITATION at mountain stations ranged from 118% on the north end of the Blue Mountains to 254% on the LaSal Mountains. Most other areas were 150% to 200%.

SOIL MOISTURE is still drier than average under higher elevation snow pack.

RESERVOIR STORAGE is near to above average.

STREAMFLOW FORECASTS now range from 142% of average on Gooseberry Creek and Seven Mile Creek to 202% on Muddy Creek. Scofield Inflow is forecast 167%, Huntington Creek 163%, Cottonwood Creek 152%, Ferron Creek 188%, and Mill Creek 192%. The Colorado at Cisco is forecast 166%, Green River 148%, and San Juan at Bluff 191%. Peak flows in this area are expected to be higher than average and precautions should be taken along stream channels.

CARBON, EMERY, WAYNE, GRAND and SAN JUAN COUNTIES in UTAH

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR		FORECAST PERIOD	PAST RECORD	
	Thousand Acres Feet	Percent of Average		Thousand Acres Feet	
PRICE RIVER					
Gooseberry Crk nr Scofield	14.2	142	Apr-July	--	10.1
Scofield Reservoir Inflow	60	167	Apr-July	--	36
Price nr Heiner	96	150	Apr-July	--	64
SAN RAFAEL RIVER					
Huntington Crk nr Huntington	75	163	Apr-July	--	49b
Cottonwood Crk nr Orangeville	67	152	Apr-July	40	44b
Ferron Creek nr Ferron	64	188	Apr-July	37	34
MUDDY CREEK					
Muddy Creek nr Emery	34	202	Apr-July	21	16.8
UPPER COLORADO BASIN					
Colorado nr Cisco, Utah	4500	166	Apr-July	4940	2716
Green at Green River, Utah	4400	148	Apr-July	2986	2975
Mill Creek nr Moab	9.8	192	Apr-July	7.3	5.1b
Navajo Reservoir Inflow	1150	189	Apr-July	--	608
San Juan nr Bluff, Utah	1650	191	Apr-July	--	865
FREMONT RIVER					
Seven Mile Crk nr Fish Lake	9.1	142	Apr-July	--	6.4

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or SUBWATERSHED	Number of Gauges Averaged	THIS YEAR AS A PERCENT OF	
		Last Year	Average
PRICE RIVER	3	127	183
SAN RAFAEL RIVER	7	119	165
FREMONT RIVER	4	100	180
LASAL MOUNTAINS	2	114	192
BLUE MOUNTAINS	2	90	221

1 - Observed flow corrected for change in storage and diversions
2 - Provisional flows - Subject to correction

RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE		
			This Year	Last Year	Average †
PRICE RIVER	Scofield	65.8	44.7	42.5	36.8
SAN RAFAEL	Huntington North	3.9	3.9	2.5	3.6
	Joe's Valley	54.6	35.7	39.2	38.0
	Mill Site	16.7	4.2	6.8	--
SAN JUAN	Navajo	1696.0	1017.0	1185.0	--

+ - 1963-77 15 Year Average Period

b - Average of all past record - less than 15 years

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET)	
	Forecast Range	Average †
Ferron Creek near Ferron	550-900	422
Muddy Creek near Emery	250-350	154
Price near Heiner	600-800	--

SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Last Year	Average †
Buck Flat	3/26	82	25.6	23.0	15.4
Buckboard Flat	3/25	75	23.3	27.6	11.7
Camp Jackson	3/25	82	26.6	28.0	10.8
Dills Camp	3/26	65	20.2	14.6	11.4
Dry Valley Divide Alternate	3/27	51	16.9	15.4	--
Huntington-Horseshoe	3/27	94	32.3	28.8	22.7

SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Last Year	Average †
Mammoth-Cottonwood R.S.	3/27	89	30.6	27.0	20.3
Monticello City Park	3/26	1	0.1e	0.0	--
Mud Creek	3/27	71	23.1	17.1	12.3
Seeley Creek	3/26	68	24.0	19.1	16.0
White River #1	3/27	58	20.1	18.8	12.8
White River #3	3/27	41	13.8	9.1	6.1

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SEVIER RIVER BASIN including BEAVER RIVER in UTAH

STREAMFLOW FORECASTS

STREAMFLOW FORECASTS		THIS YEAR		PAST RECORD		
BASIN, STREAM and/or FORECAST POINT		FORECAST		THOUSAND ACRE FEET		
		Thousand Acre Feet	Percent of Average	PERIOD	Last Year	Average †
SEVIER RIVER						
Sevier at Hatch		105	259	Apr-July	101e	41
Sevier nr Circleville		98	323	Apr-July	--	29
Sevier nr Kingston		74	326	Apr-July	80	22
Antimony Crk nr Antimony		14.0	192	Apr-July	--	6.9
East Fork Sevier nr Kingston		52	339	Apr-July	60	15.4
Sevier below Piute Dam		127	354	Apr-July	--	36
Clear Crk nr Sevier (abv Div)		31	174	Apr-July	--	17.8
Inflow - Sigurd to Gunnison		46	175	Apr-July	--	--
Kingston to Vermillion Dam		103	184	Apr-June	--	56
Vermillion Dam to Gunnison		63	182	Mar-June	--	35
Salina Creek at Salina		21.5	185	Apr-June	--	11.1
Sevier nr Gunnison		108	217	Apr-July	--	50
Chalk Creek nr Fillmore		26	168	Apr-July	--	15.5b
Chicken Creek nr Levan		7.8	252	Apr-July	8.3	3.1
Oak Cr. nr Oak City		2.9	207	Apr-July	1.4	1.4
SAN PITCH RIVER						
Ephraim Creek nr Ephraim		22.0	152	Apr-July	--	14.5
Pleasant Crk nr Mt. Pleasant		11.5	137	Apr-July	--	8.6
BEAVER RIVER						
Beaver nr Beaver		39	195	Apr-July	51	20
North Creek (Combined)		24	197	Apr-July	--	12.2b
Minersville Reservoir Inflow		22	333		55	6.6
BASIN OR STREAM		RESERVOIR	Usable Capacity	USEABLE STORAGE		
				This Year	Last Year	Average †
SEVIER RIVER		Gunnison	18.2	18.2	18.1	16.5
		Otter Creek	52.5	52.5	31.5	37.3
		Piute	71.8	50.8	34.8	49.9
		Sevier Bridge	236.0	192.0	106.0	146.8
BEAVER RIVER		Minersville (Rky Fd)	23.3	20.5	15.9	14.9
b - Average of all past record - less than 15 years						
+ - 1963-77 15 Year Average Period						
- Estimated						

b - Average of all past record - less than 15 years
+ - 1963-77 15 Year Average Period
e - Estimated

SUMMARY of SNOW MEASUREMENTS

SUMMARY of SNOW MEASUREMENTS		COMPARISON WITH PREVIOUS YEAR	
RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF	
		Last Year	Average
UPPER SEVIER RIVER	9	98	205
East Fork Sevier	3	102	191
South Fork Sevier	6	96	210
LOWER SEVIER	12	111	142
BEAVER RIVER	3	102	185
1 - Observed flow corrected for change in storage and diversions			
2 - Provisional flows - Subject to correction			

FORECAST POINT	PEAK FLOW (SECOND FEET)	
	Forecast Range	Average †
Sevier River at Hatch	875-1000	418
Sevier River nr Circleville	--	--
Sevier River nr Kingston	750-850	263
Clear Creek nr Sevier	350-400	170
Salina Creek nr Salina	400-550	235
Beaver River nr Beaver	400-600	212
East Fork Sevier near Kingston	725-825	--

PEAK FLOWS

SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)	
				Last Year	Average †
Big Flat	3/25	92	28.4	27.7	16.1
Bryce Canyon	3/29	38	11.4	10.8	3.1
Castle Valley	3/25	67	21.3	21.2	11.3
Duck Creek	3/29	80	28.7	29.4	11.5
Farnsworth Lake	3/29	89	23.5	19.0	19.5
Gooseberry R.S.	3/28	65	16.8	11.8	12.0

SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)	
				Last Year	Average †
Harris Flat	3/29	53	20.7	23.0	6.5
Kimberly Mine	3/25	80	25.4	20.4	15.8
Long Valley Junction	3/29	34	14.7	13.6	2.7
Merchants Valley Upper	3/25	68	20.0	17.4	9.7b
Midway Valley	3/29	113	38.0	43.2	20.1
Otter Lake	3/25	76	21.9	24.0	12.3
Pickle Keg Springs	3/26	70	22.9	17.0	16.1b
Widtsøe-Escalante #3	3/29	64	20.3	24.0	9.9

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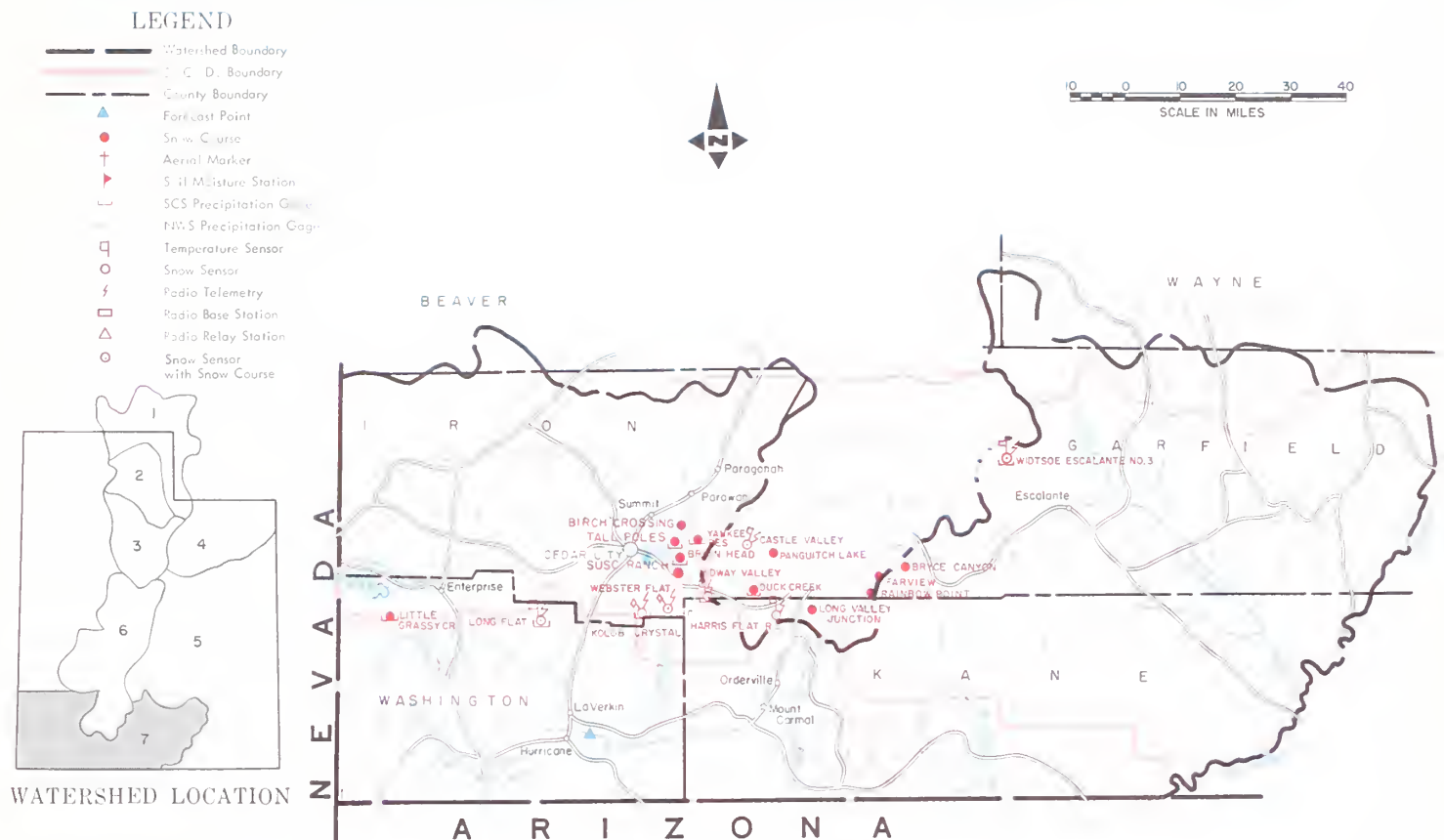


"The Conservation of Water begins with the Snow Survey"

WATER SUPPLY OUTLOOK

EAST GARFIELD, KANE, WASHINGTON and IRON COUNTIES in UTAH

UNITED STATES DEPARTMENT OF AGRICULTURE - SOIL CONSERVATION SERVICE
UTAH STATE DEPARTMENT OF NATURAL RESOURCES



APRIL 1, 1980

THE WATER SUPPLY OUTLOOK IS EXCELLENT

SNOW COVER RANGES FROM 179% of the April 1 average on Parowan Creek to 309% on Enterprise - New Harmony area. Coal Creek is 213% and the Virgin River 204% of average after cool temperatures held snow on lower elevations and added above average amounts at higher elevations.

PRECIPITATION at mountain stations ranged from 129% of the March average at Midway Valley to 223% at Little Grassy above Enterprise and was generally 150% to 200% of average over the area.

SOIL MOISTURE is still drier than average under the higher elevation snow pack. Valley and lower elevations are well primed.

RESERVOIR STORAGE is above average. Smaller reservoirs filled and spilled earlier in the season and Lake Powell is expected to fill for the first time since it was built.

STREAMFLOW FORECASTS range from 155% of average for Lake Powell Inflow to 316% for the Virgin River near Hurricane. The Santa Clara is forecast at 268% and Coal Creek 192% of average.

All streams are expected to peak well above average with Coal Creek at 500-600 cubic feet per second. Precautions should be taken to protect property near stream channels.

EAST GARFIELD, KANE, WASHINGTON and IRON COUNTIES in UTAH

STREAMFLOW FORECASTS

STREAMFLOW FORECASTS	THIS YEAR			PAST RECORD	
	FORECAST		FORECAST PERIOD	THOUSAND ACRE FEET	
	Thousand Acre Feet	Percent of Average		Last Year	Average †
VIRGIN RIVER					
Virgin nr Hurricane	155	316	Apr-June		48.5
Santa Clara nr Pine Valley	11.0	268	Apr-June		4.1
COAL CREEK					
Coal Creek nr Cedar City	32	192	Apr-July		17.0
UPPER COLORADO					
Lake Powell Inflow	10800	155	Apr-July	10845	6952
2 - Provisional Flows - Subject to correction					

SUMMARY of SNOW MEASUREMENTS

RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF	
		Last Year	
		Average	
COAL CREEK	3	90	213
VIRGIN RIVER	3	86	204
PAROWAN CREEK	4	108	179
ENTERPRISE - NEW HARMONY	2	80	309

RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE		
			This Year	Last Year	Average †
COLORADO	Lake Powell	25002.0	21240.0	15946.0	--
	Blue Mesa	829.5	370.0	311.5	--
b - Average of all past record - less than 15 years + - 1963-77 15 year Average Period					

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET)	
	Forecast Range	Average †
Coal Creek nr Cedar City	500-600	245
Virgin nr Virgin		

SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (inches)	Water Content (inches)	Water Content (inches)	
				Last Year	Average †
Birch Crossing	3/27	42	13.7	13.5	5.3b
Brian Head	3/25	97	30.8	30.0	19.9b
Harris Flat	3/29	53	20.7	23.0	6.5
Kolob-Crystal	3/29	115	39.0	45.0	21.8a
Little Grassy	3/29	18	7.8	13.7	2.0
Long Flat	3/29	46	15.4	15.4	5.5

SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (inches)	Water Content (inches)	Water Content (inches)	
				Last Year	Average †
Long Valley Junction	3/29	34	14.7	13.6	2.7
SUSC Ranch	3/27	47	17.8	19.8	6.1b
Tall Poles	3/31	86	27.5	21.2	13.8b
Webster Flat	3/29	105	33.5	36.6	15.7
Yankee Reservoir	3/25	57	14.0	15.2	9.0

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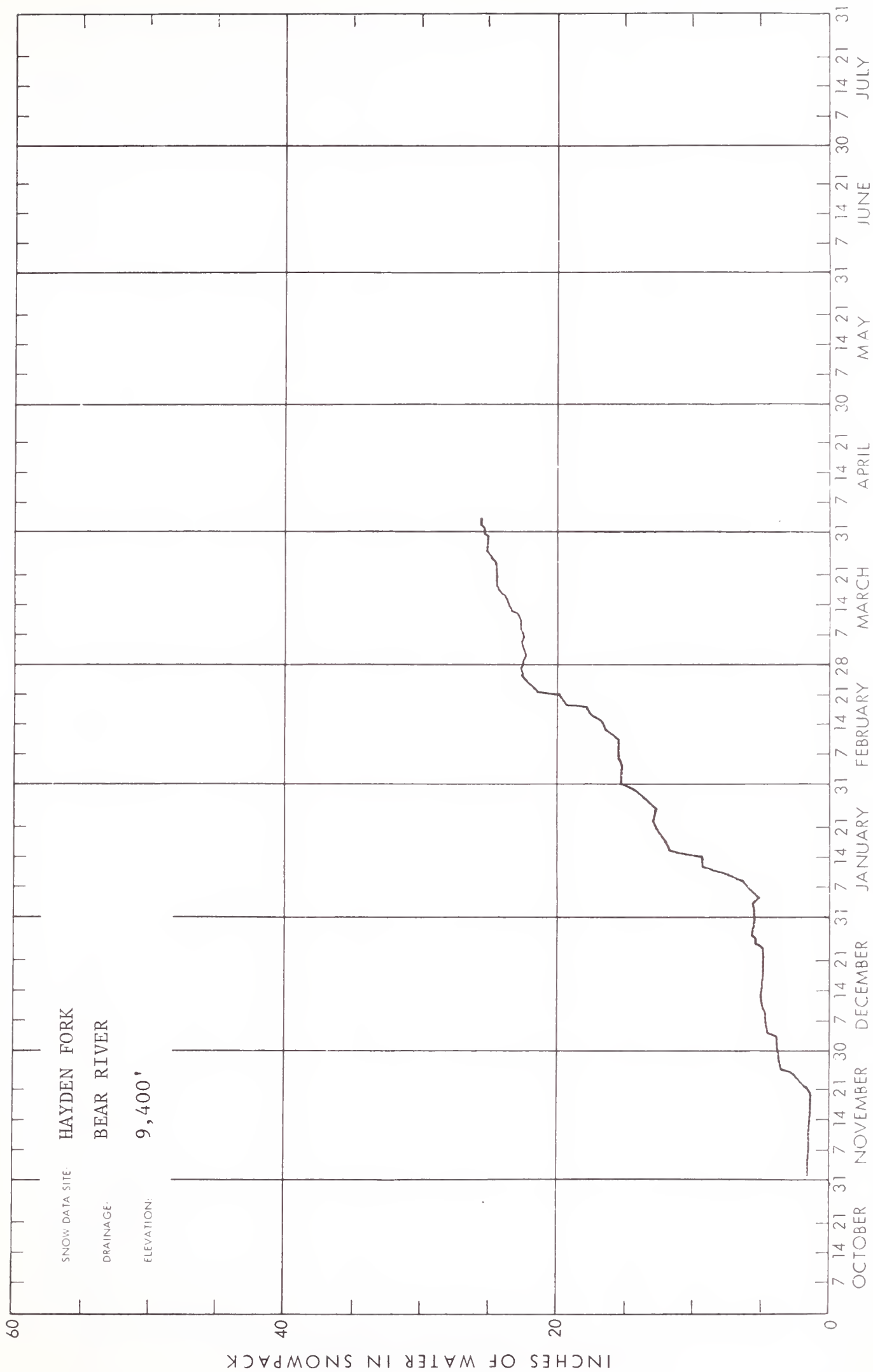


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EAST GARFIELD, KANE, WASHINGTON and IRON COUNTIES in UTAH

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR		FORECAST PERIOD	PAST RECORD	
	Thousand Acre Feet	Percent of Average		Thousand Acre Feet	Average †
VIRGIN RIVER					
Virgin nr Hurricane	155	316	Apr-June		48.5
Santa Clara nr Pine Valley	11.0	268	Apr-June		4.1
COAL CREEK					
Coal Creek nr Cedar City	32	192	Apr-July		17.0
UPPER COLORADO					
Lake Powell Inflow	10800	155	Apr-July	10845	6952
2 - Provisional Flows - Subject to correction					

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF	
		Last Year	Average
COAL CREEK	3	90	213
VIRGIN RIVER	3	86	204
PAROWAN CREEK	4	108	179
ENTERPRISE - NEW HARMONY	2	80	309

RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE		
			This Year	Last Year	Average †
COLORADO	Lake Powell	25002.0	21240.0	15946.0	--
	Blue Mesa	829.5	370.0	311.5	--
b - Average of all past record - less than 15 years					
+ - 1963-77 15 year Average Period					

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET)	
	Forecast Range	Average †
Coal Creek nr Cedar City	500-600	245
Virgin nr Virgin		

SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Last Year	Average †
Birch Crossing	3/27	42	13.7	13.5	5.3b
Brian Head	3/25	97	30.8	30.0	19.9b
Harris Flat	3/29	53	20.7	23.0	6.5
Kolob-Crystal	3/29	115	39.0	45.0	21.8a
Little Grassy	3/29	18	7.8	13.7	2.0
Long Flat	3/29	46	15.4	15.4	5.5

SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Last Year	Average †
Long Valley Junction	3/29	34	14.7	13.6	2.7
SUSC Ranch	3/27	47	17.8	19.8	6.1b
Tall Poles	3/31	86	27.5	21.2	13.8b
Webster Flat	3/29	105	33.5	36.6	15.7
Yankee Reservoir	3/25	57	14.0	15.2	9.0

UNITED STATES DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
Federal Bldg. - Room 4012
Salt Lake City, Utah 84138

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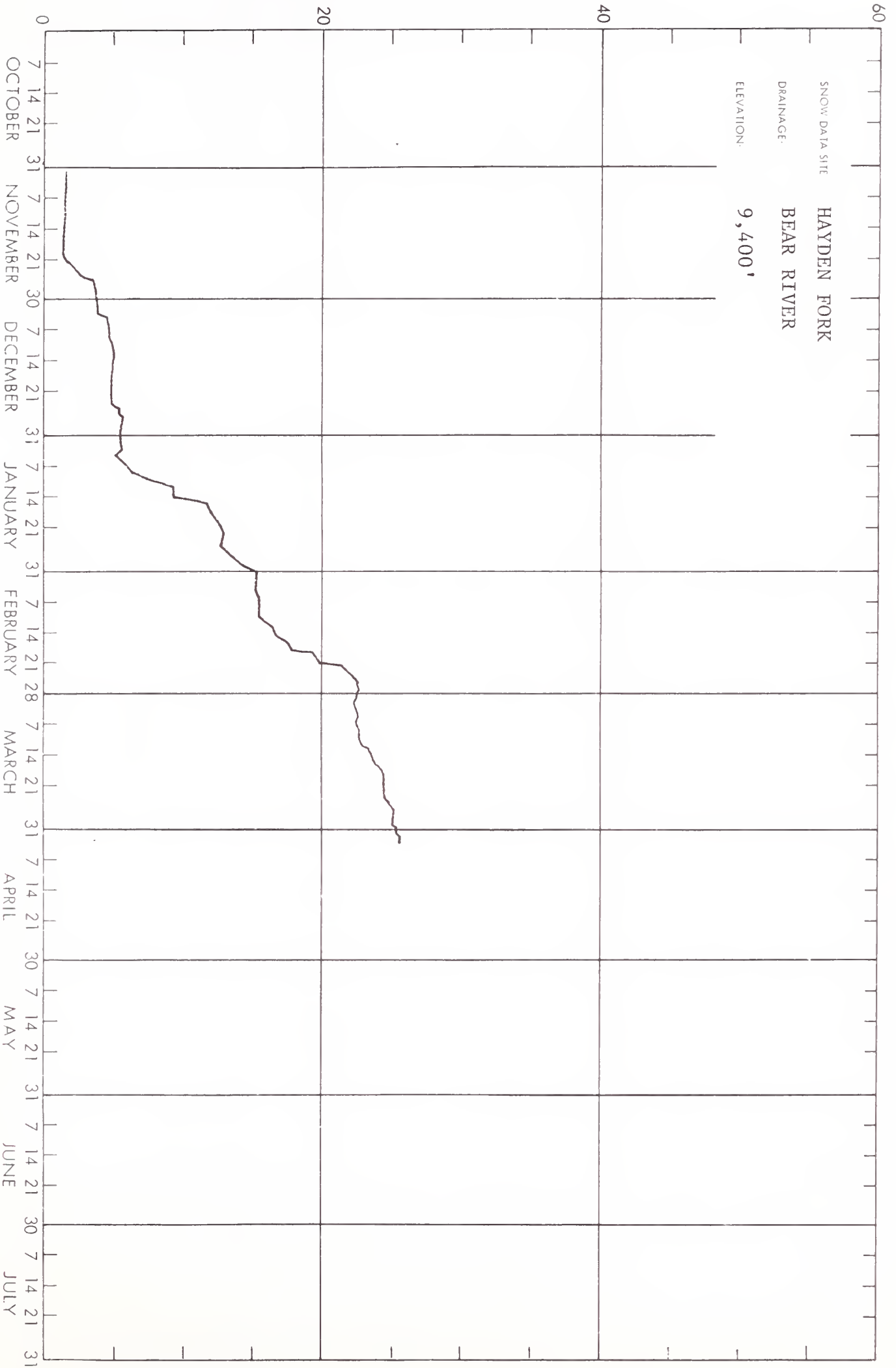
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AGRICULTURE
AGR-101



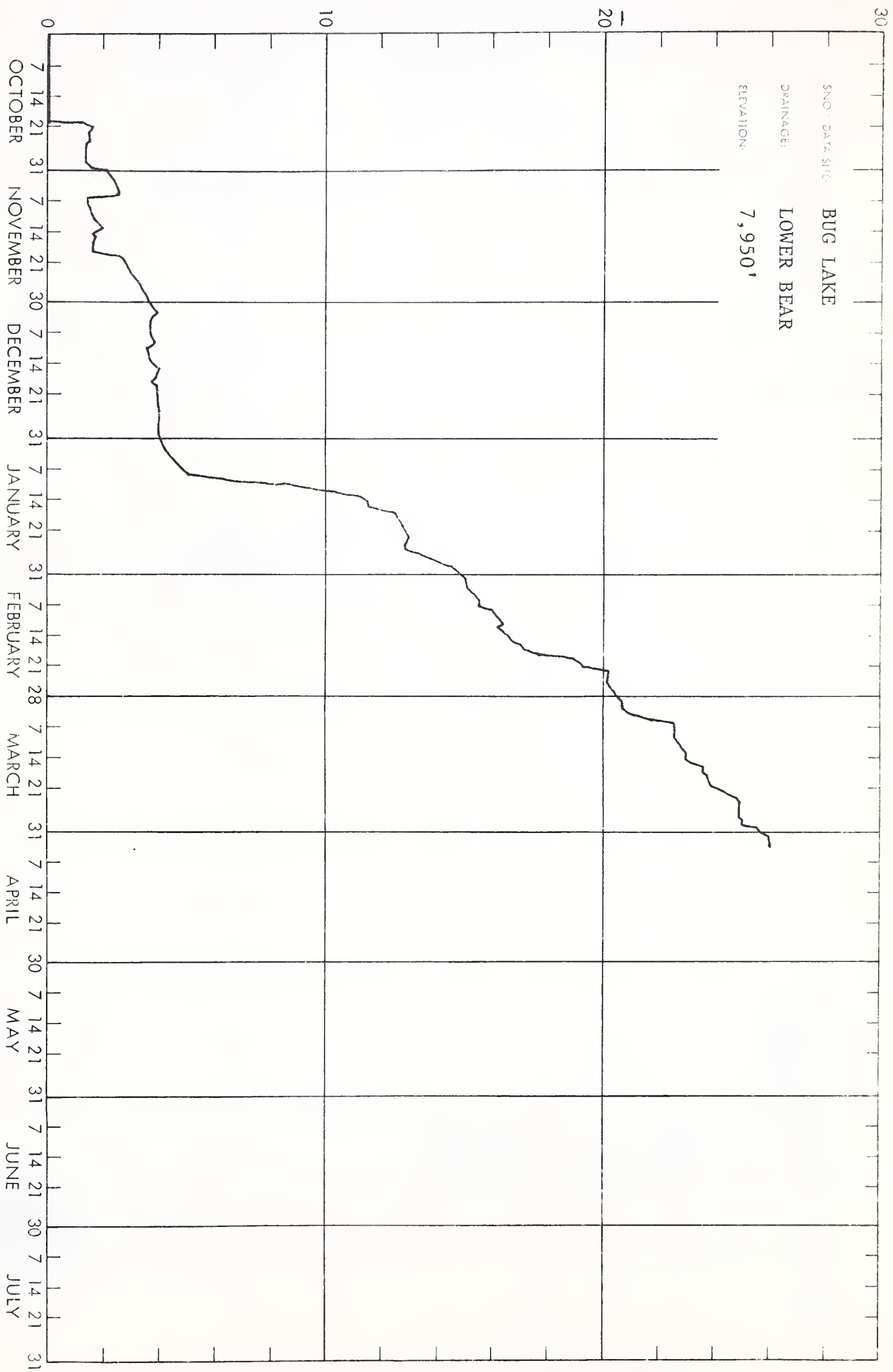
FIRST CLASS MAIL

"The Conservation of Water begins with the Snow Survey"

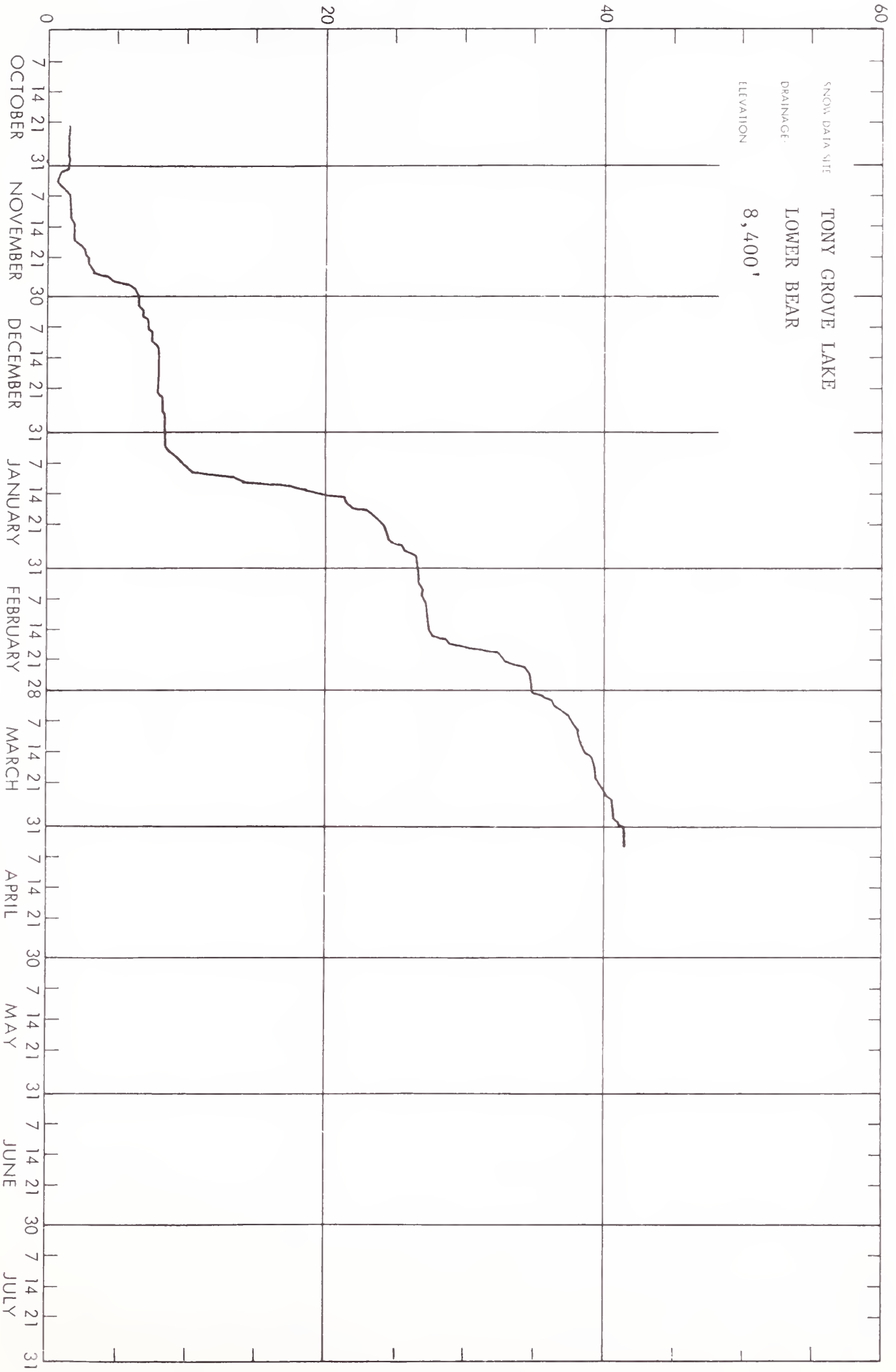
INCHES OF WATER IN SNOWPACK

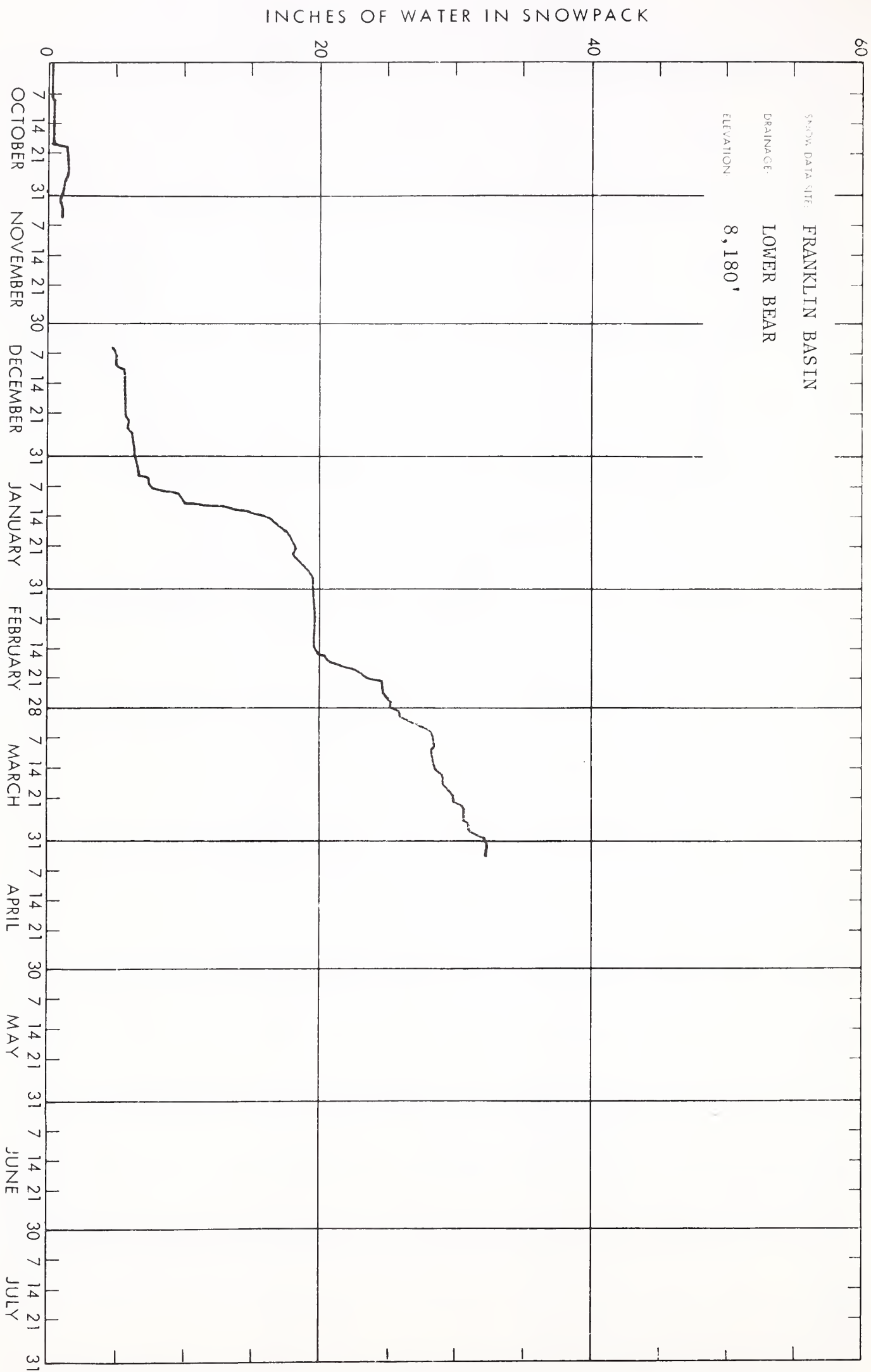


INCHES OF WATER IN SNOWPACK

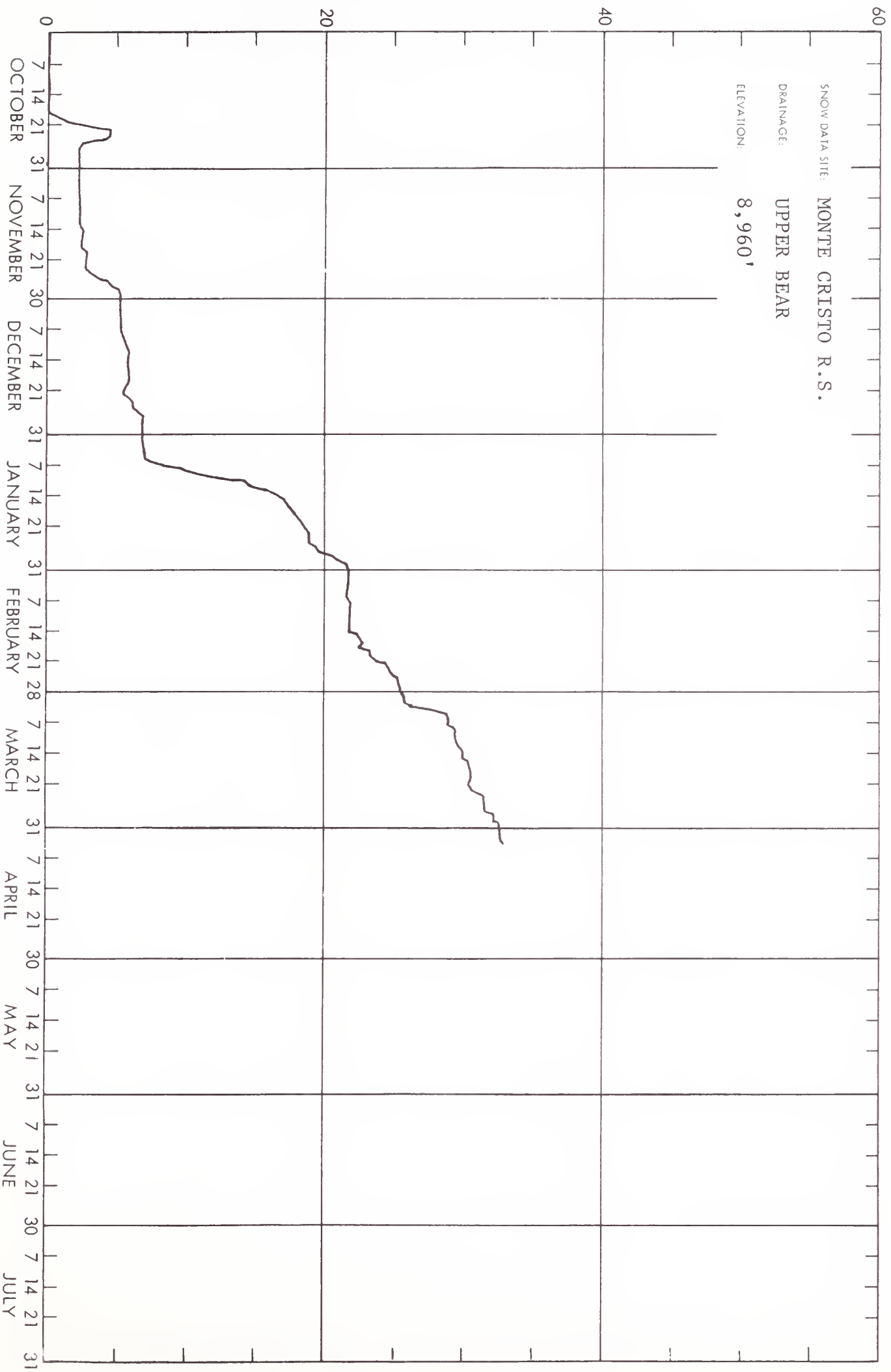


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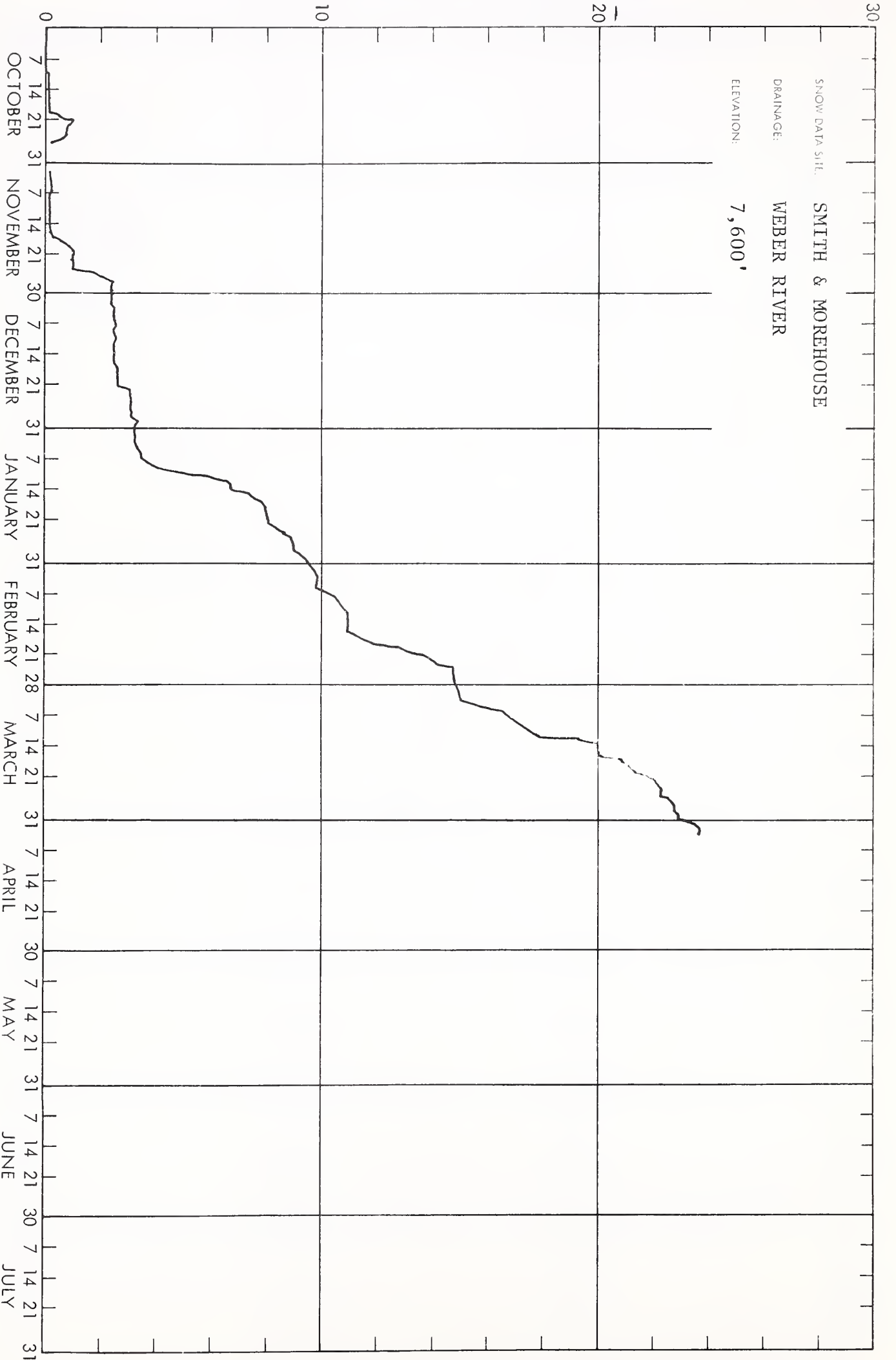




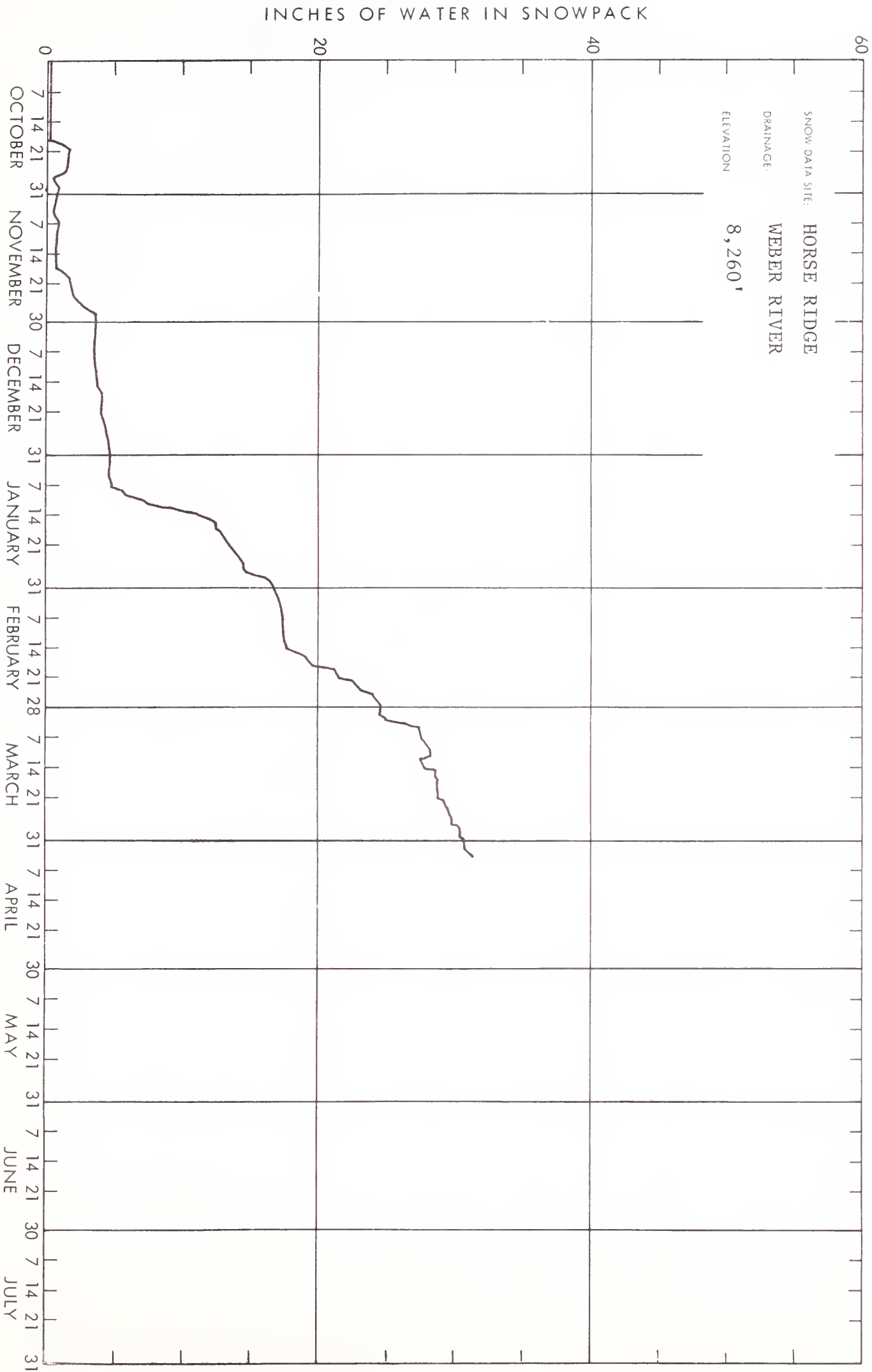
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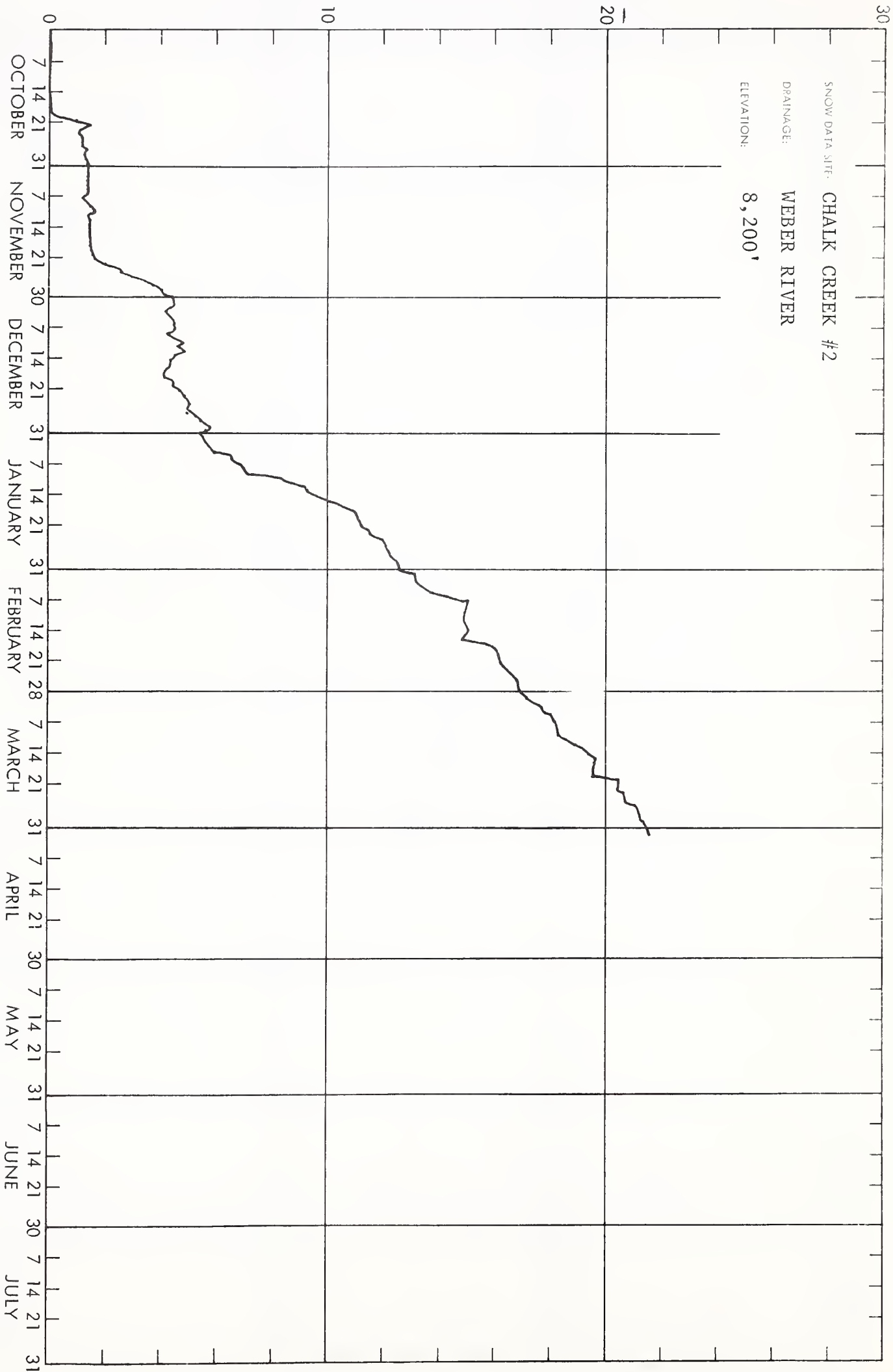
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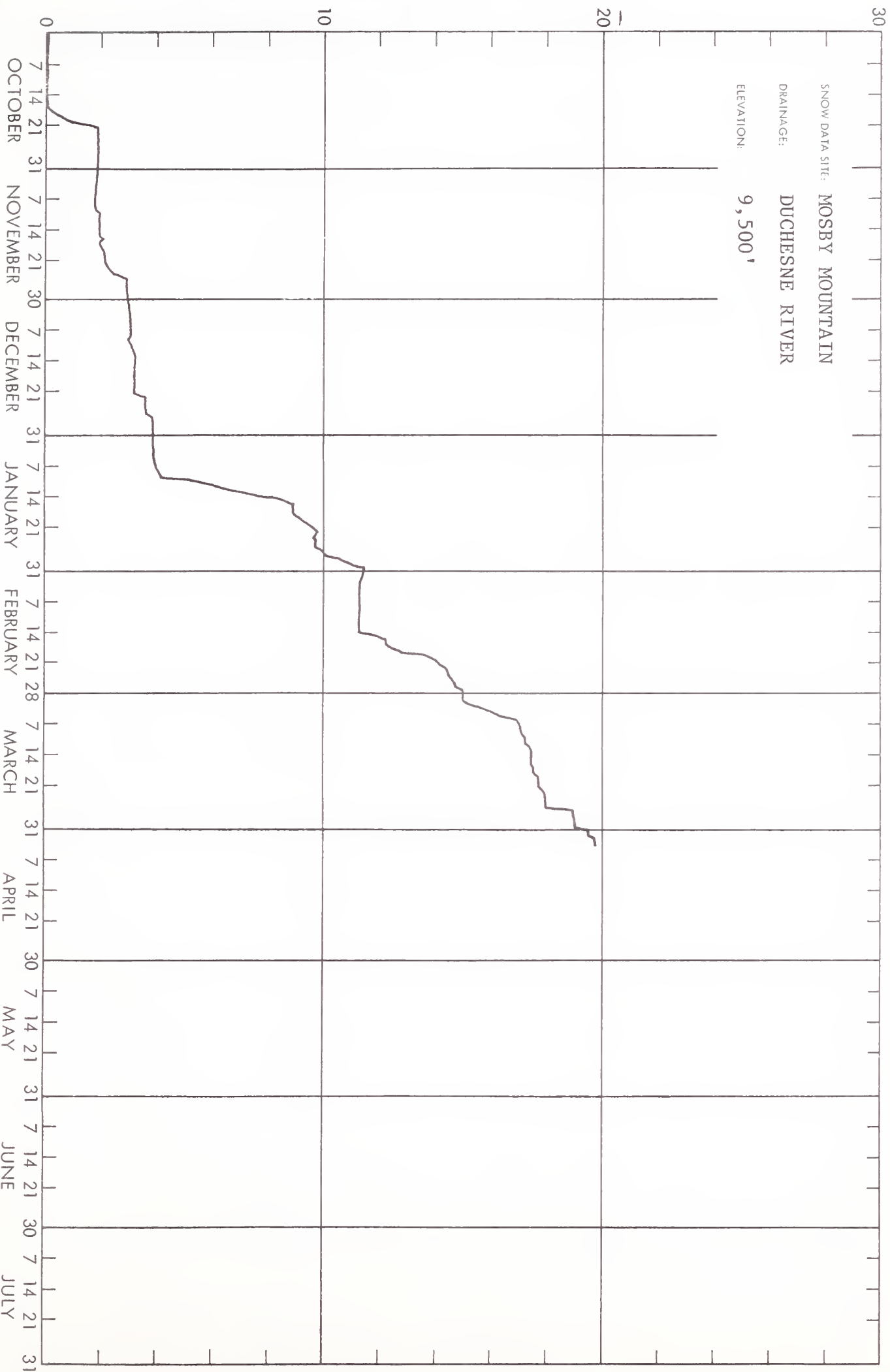
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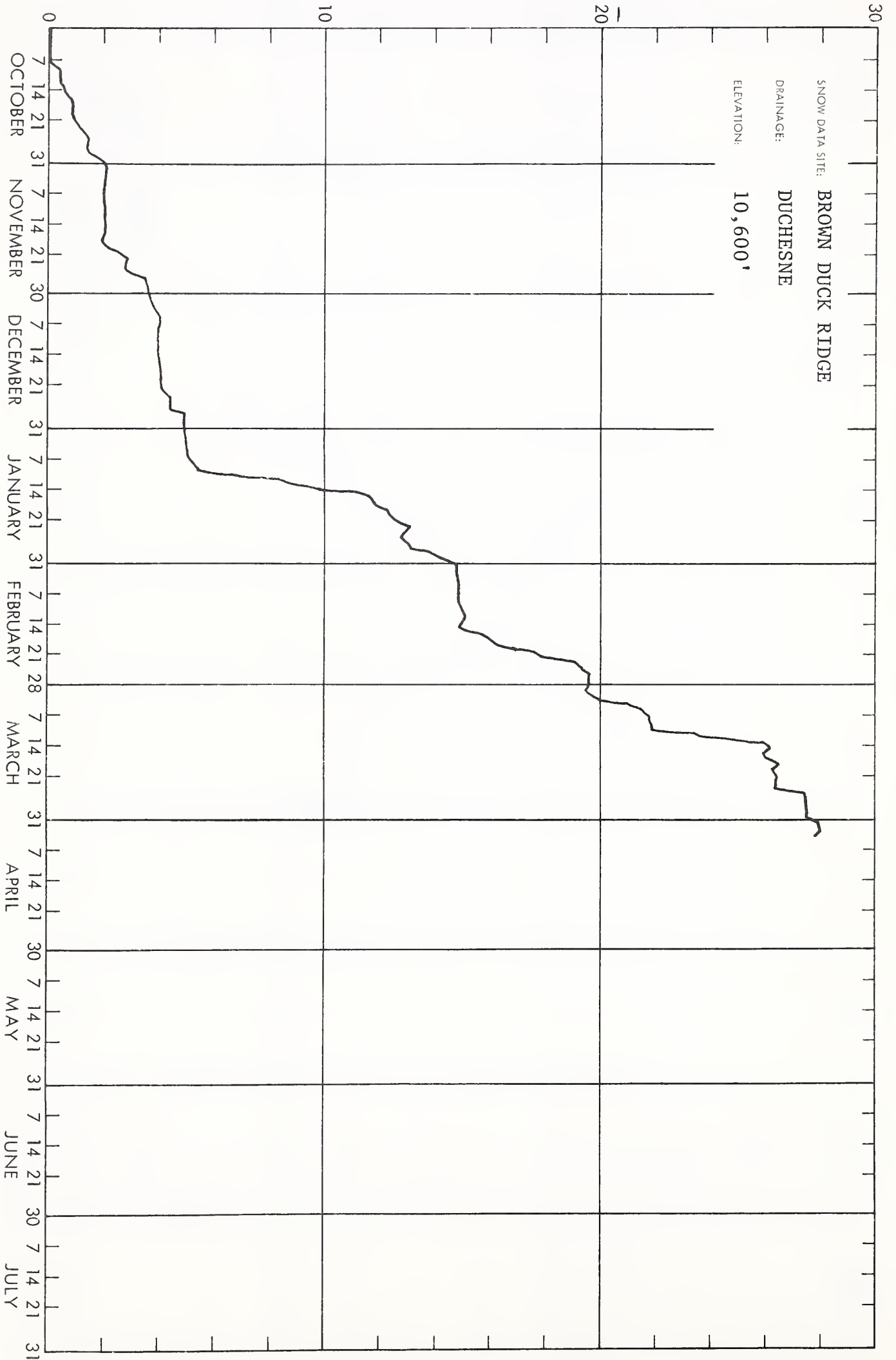
INCHES OF WATER IN SNOWPACK



INCHES OF WATER IN SNOWPACK

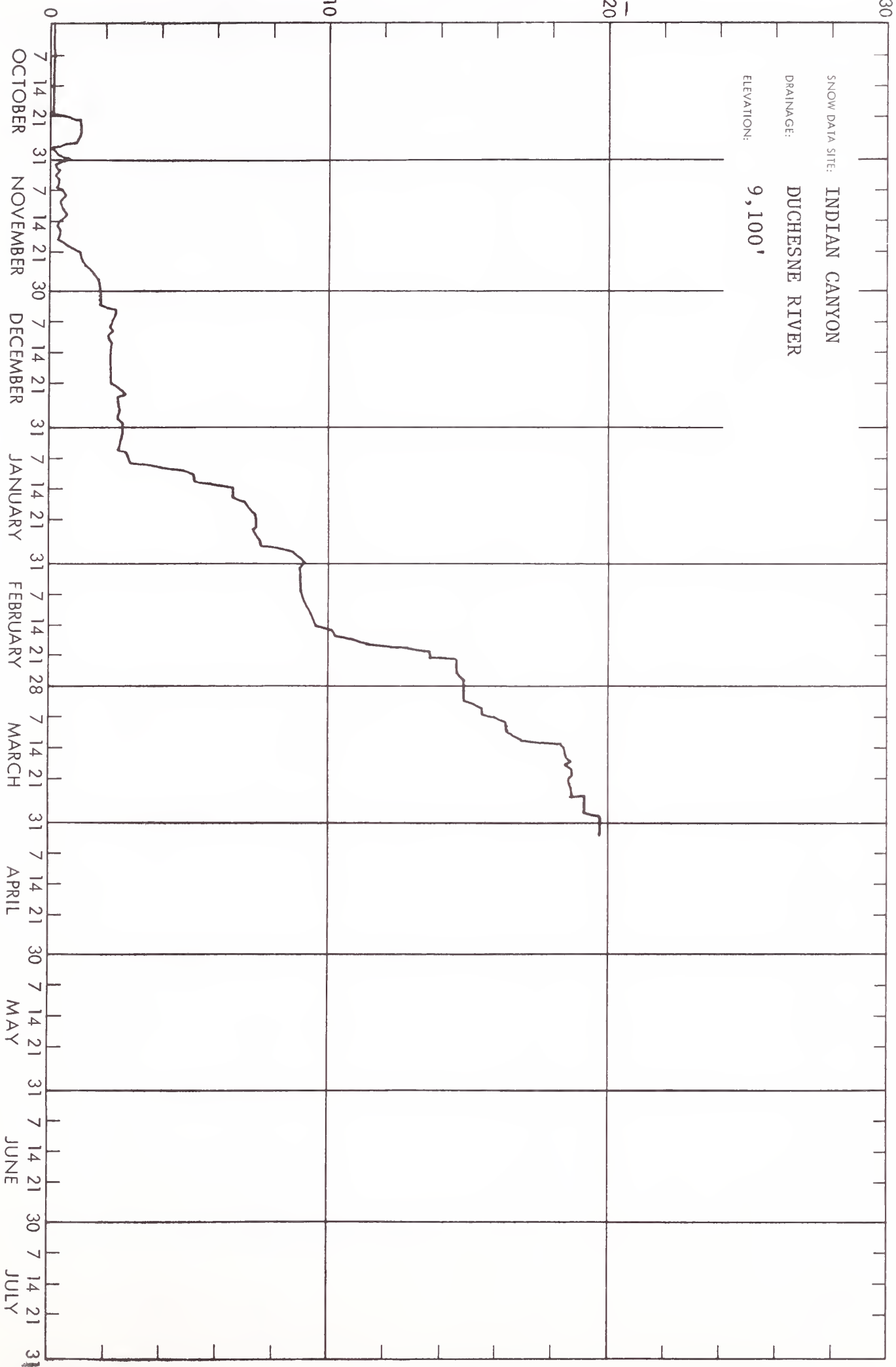


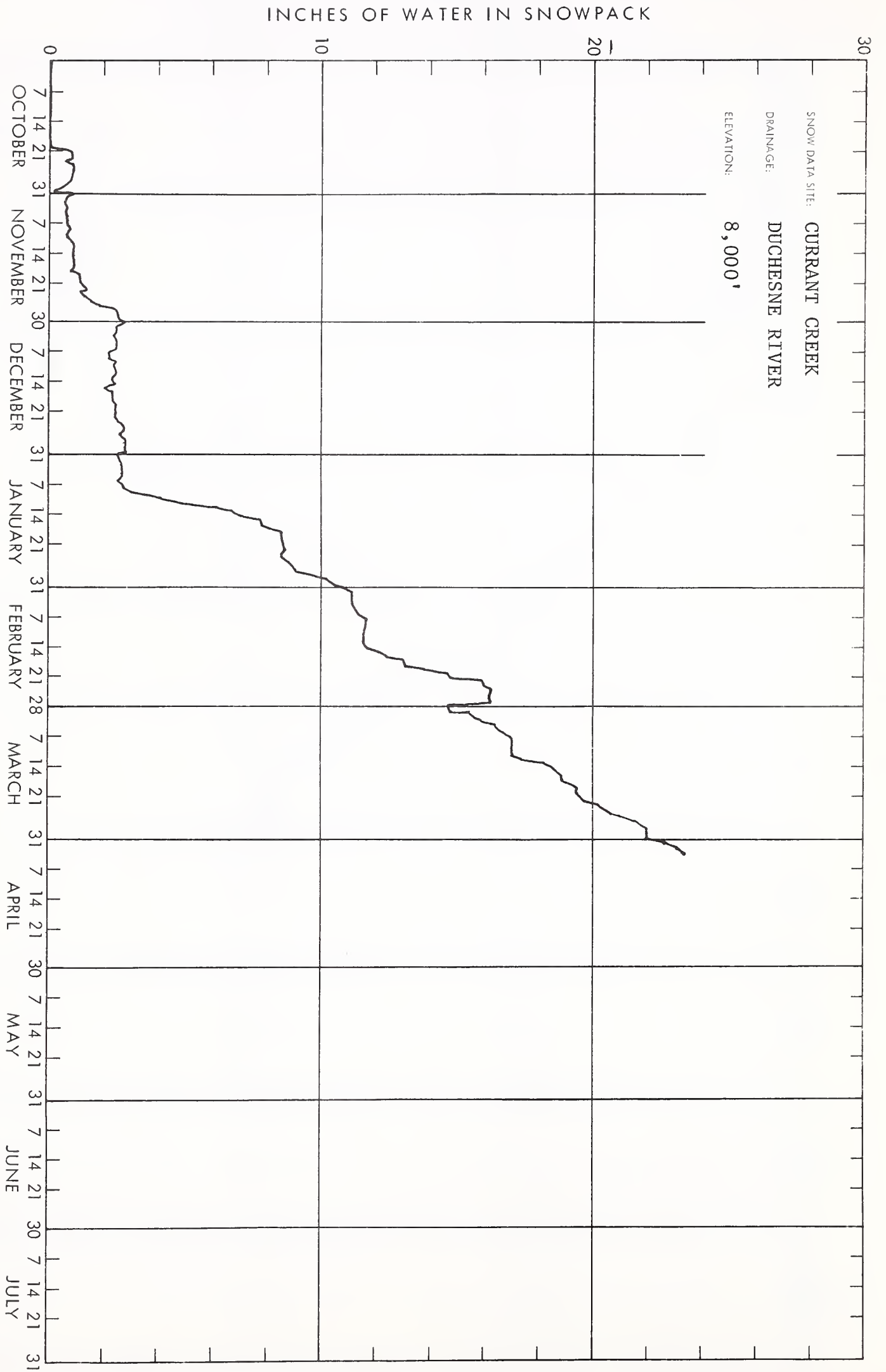
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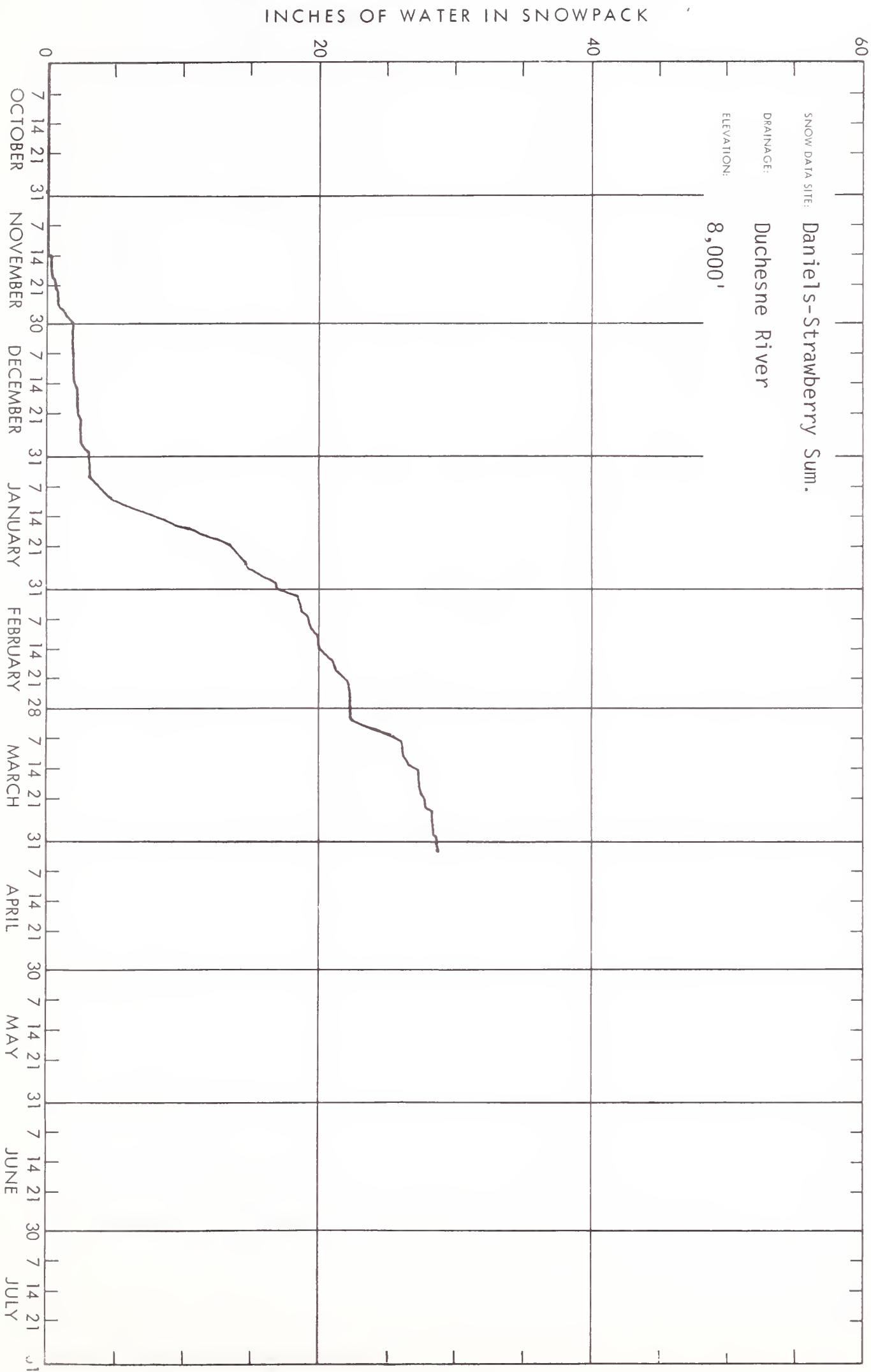
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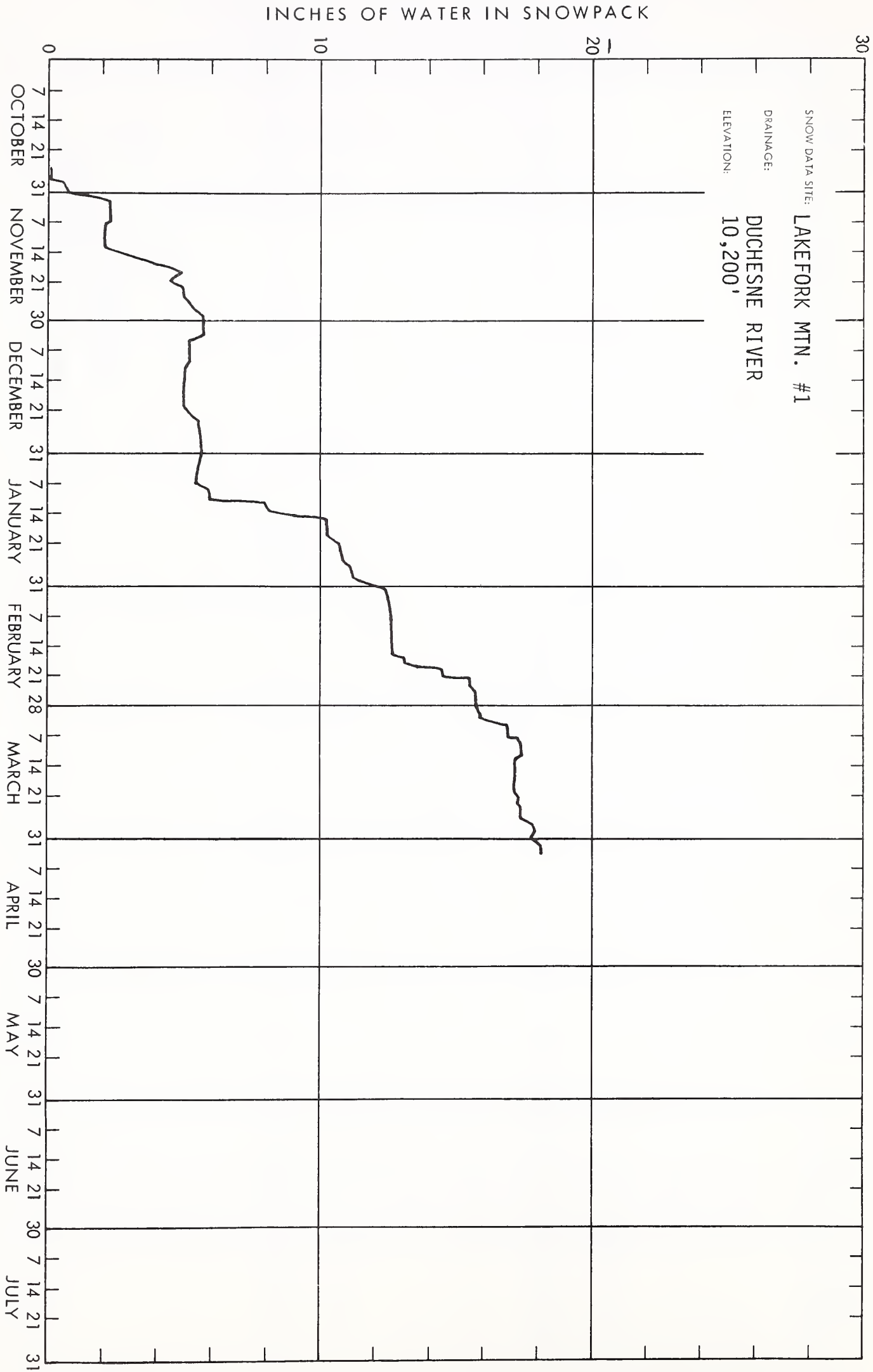
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ELEVATION: 9,100'





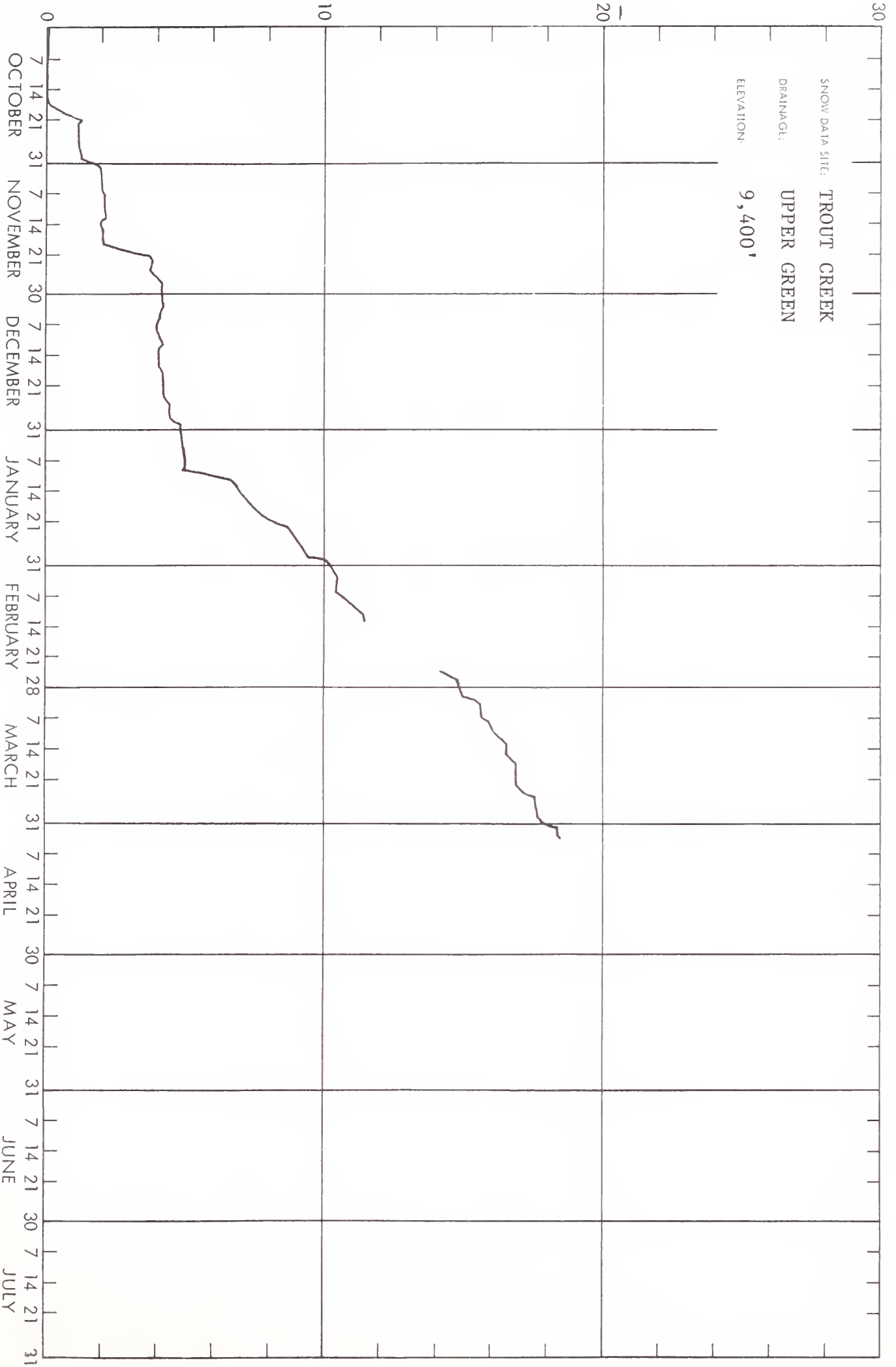
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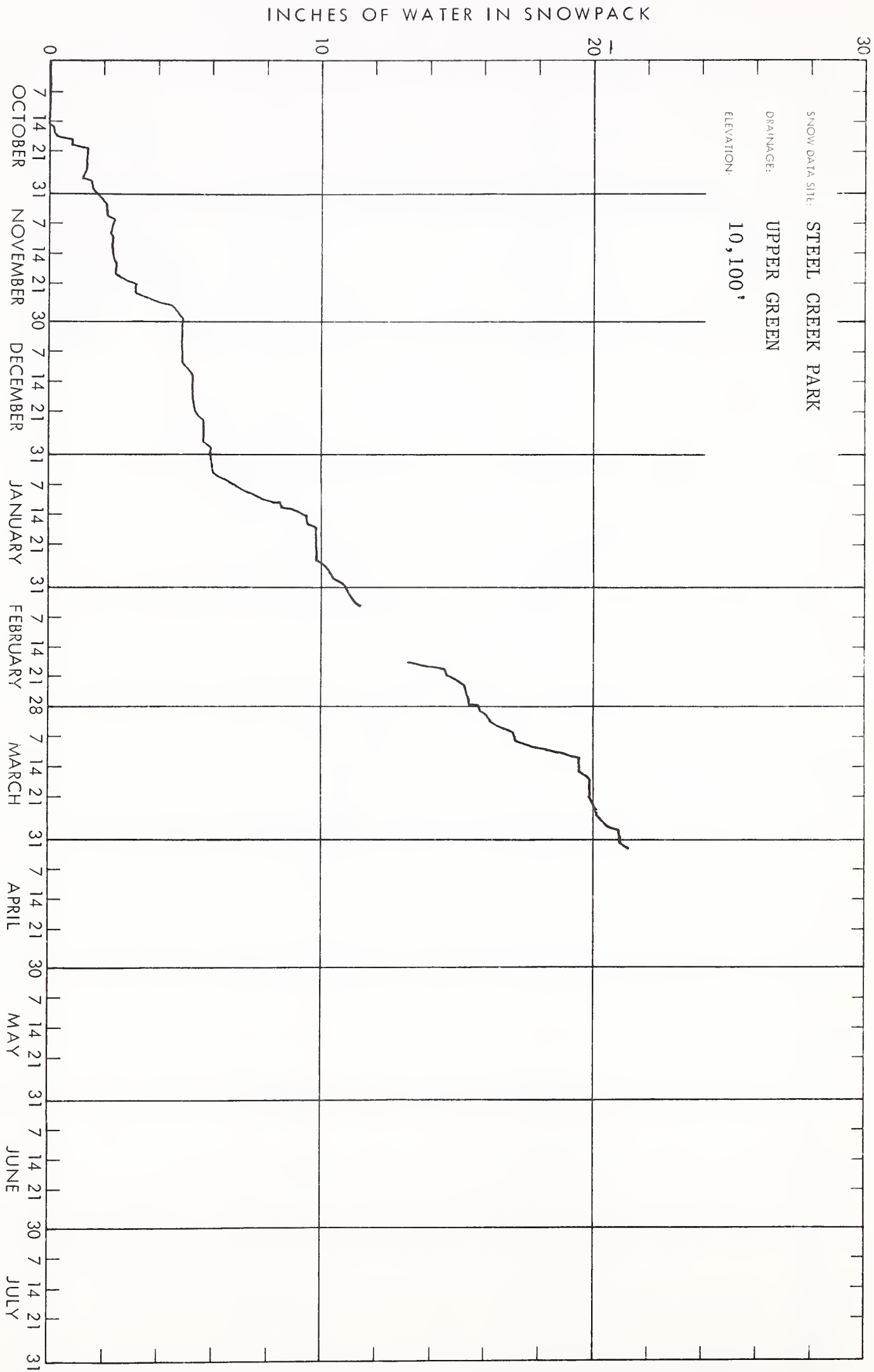




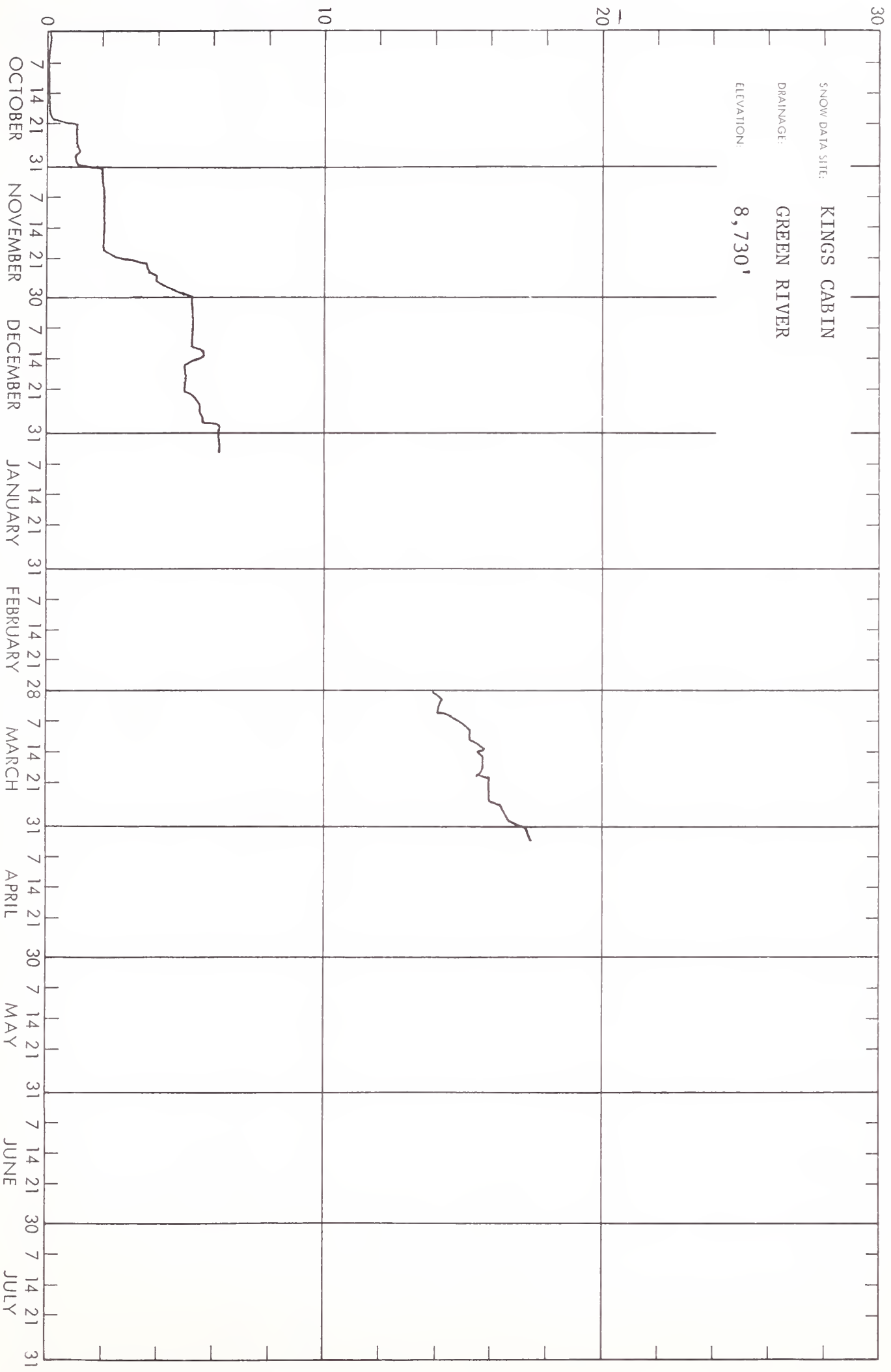
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INCHES OF WATER IN SNOWPACK

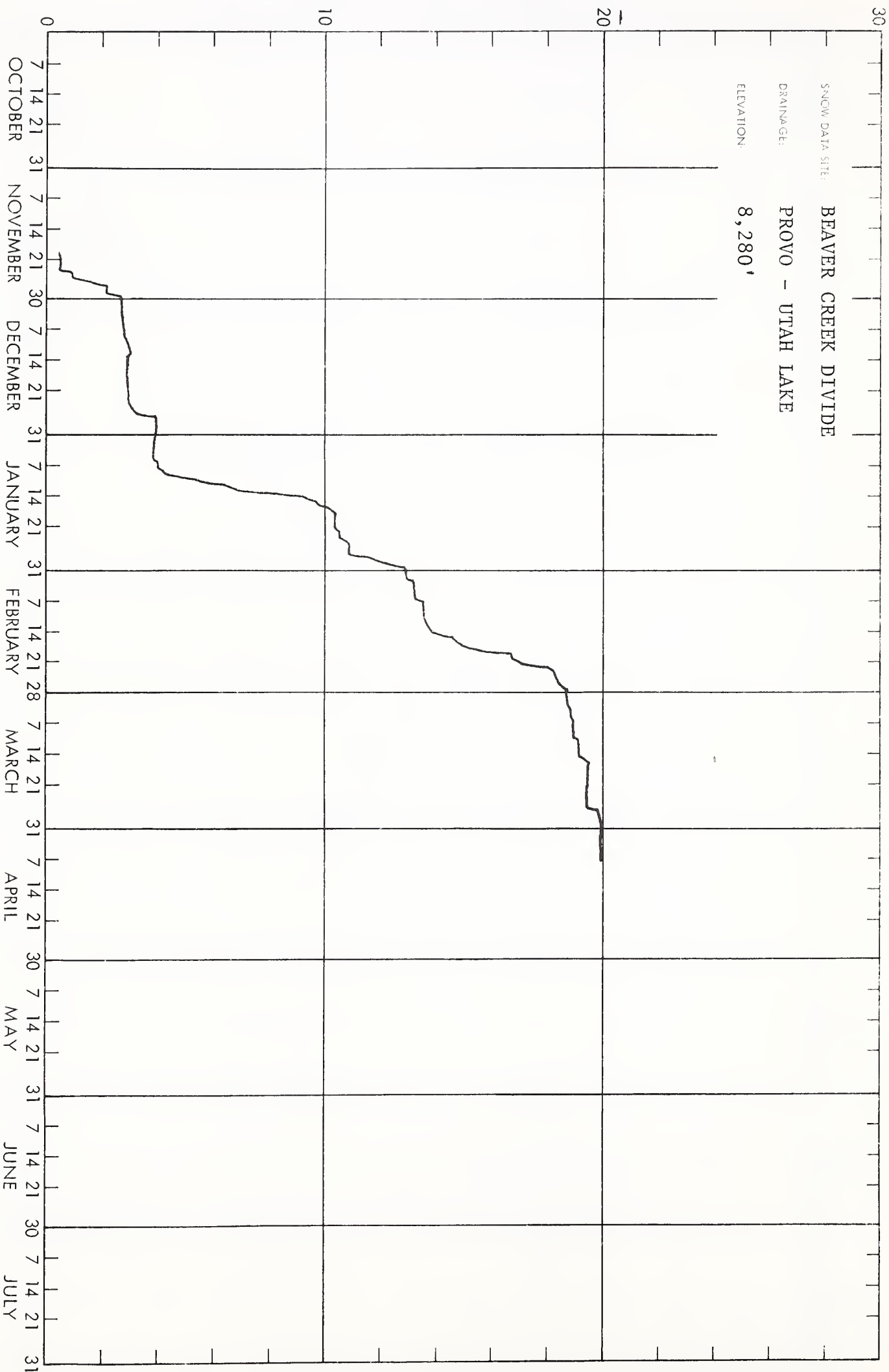




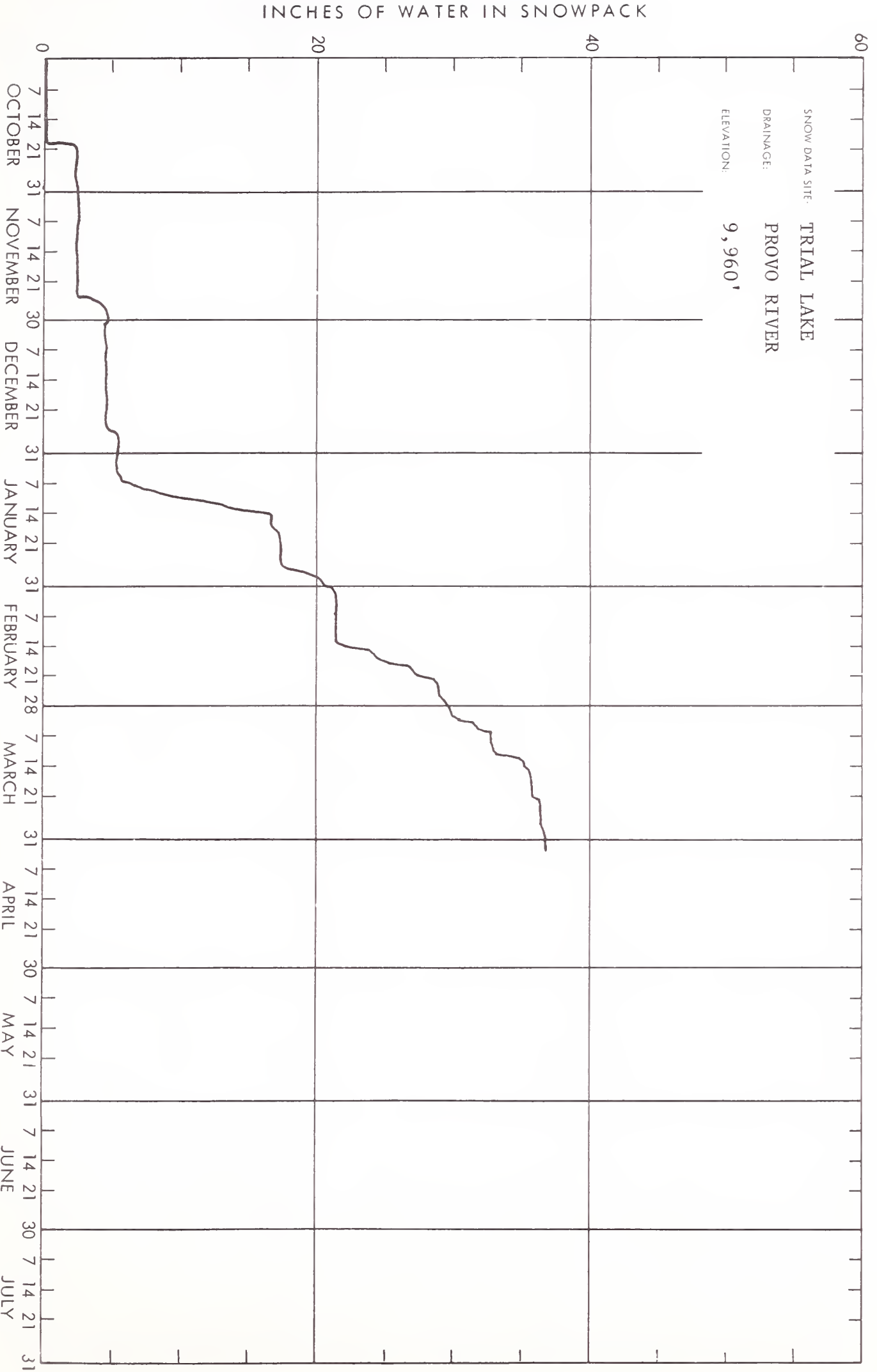
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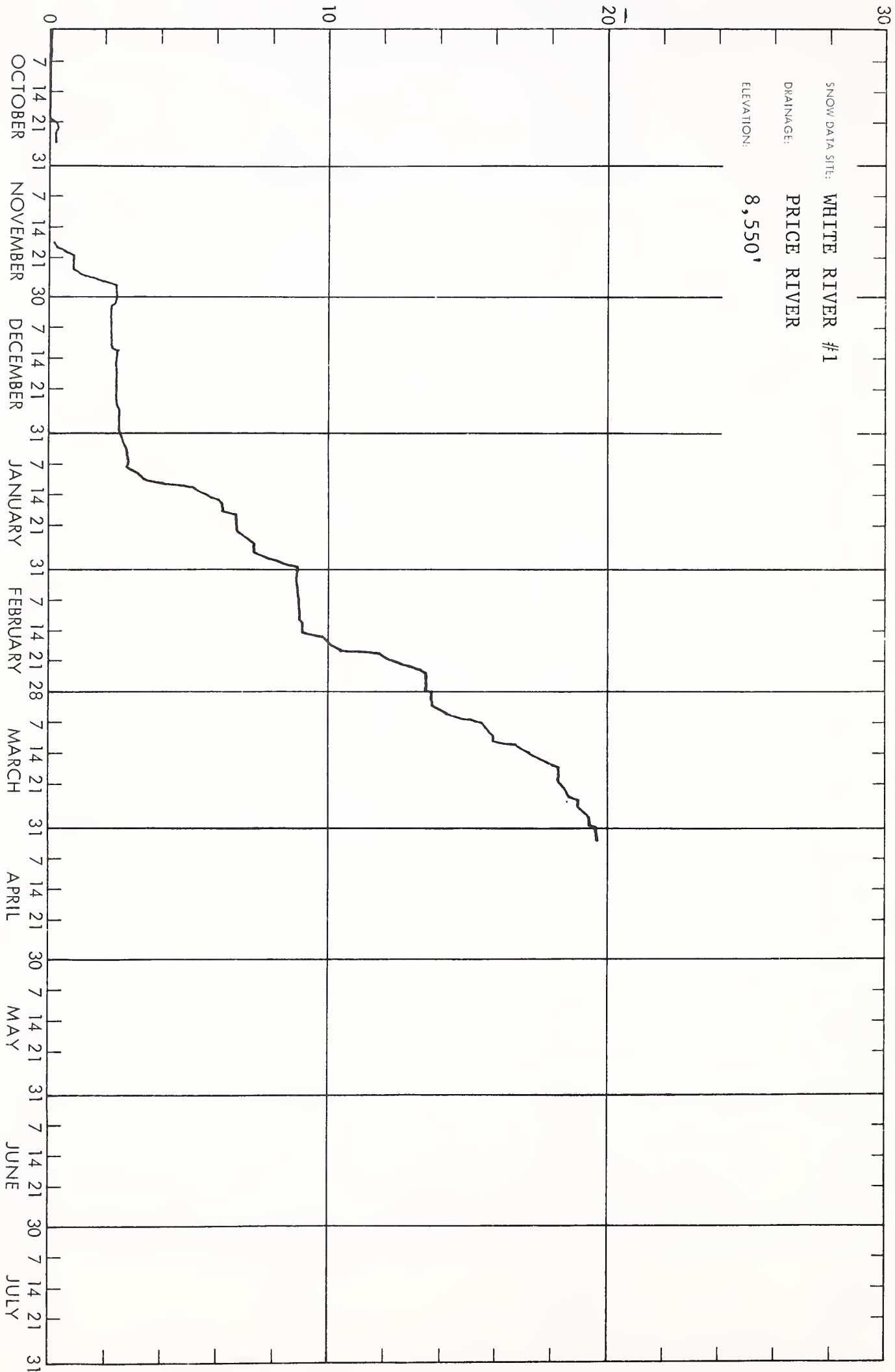
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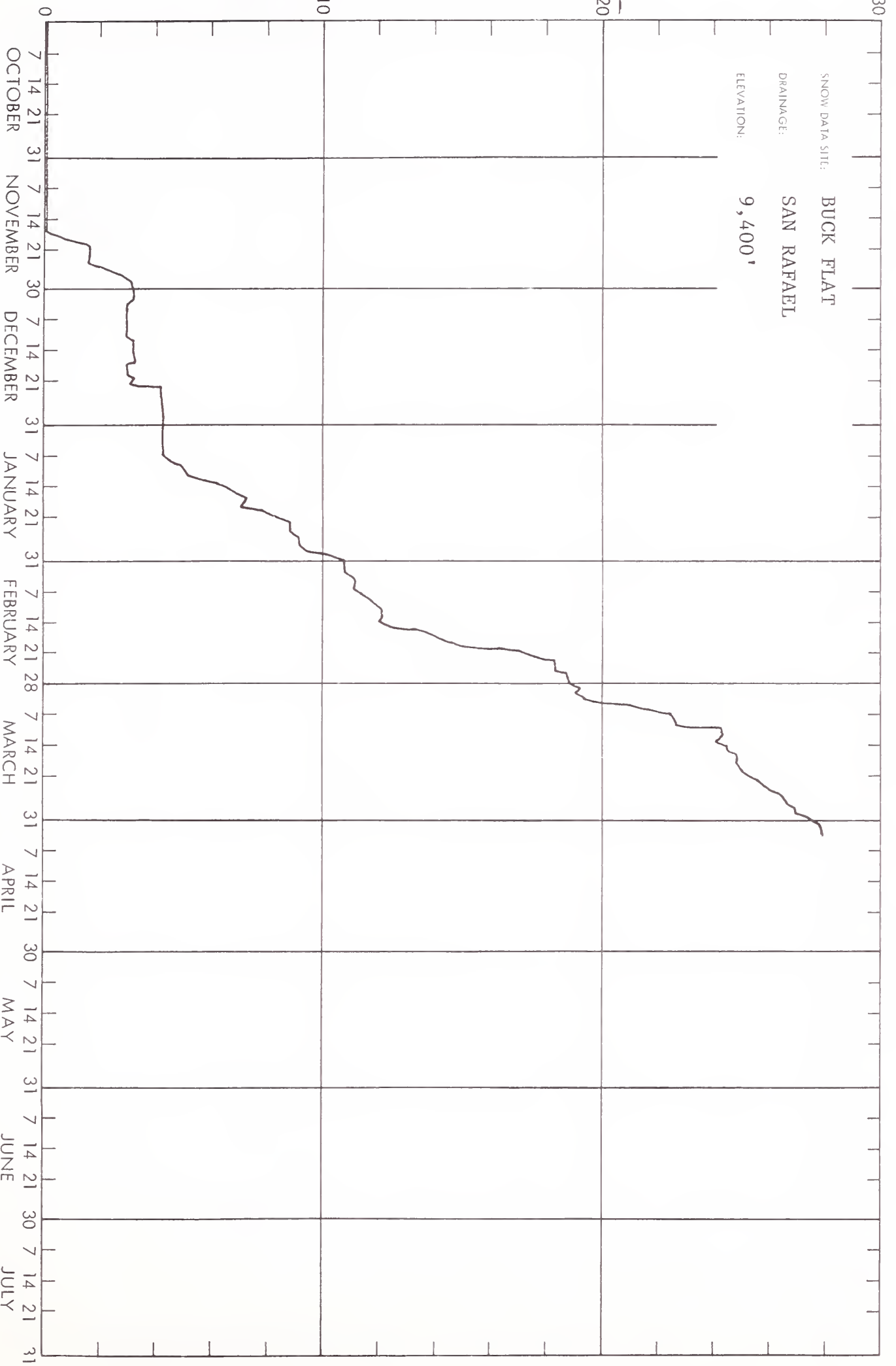
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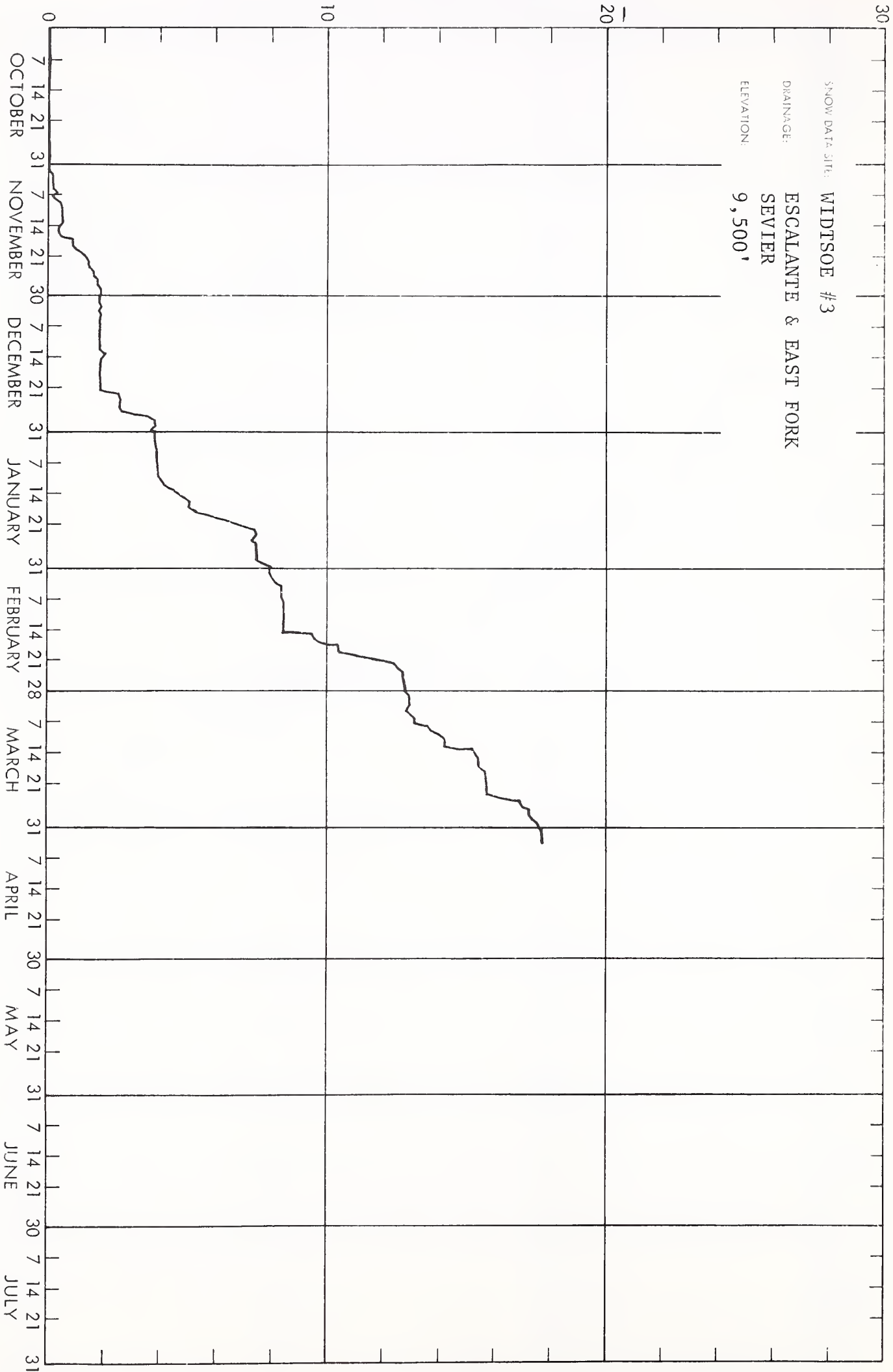
INCHES OF WATER IN SNOWPACK



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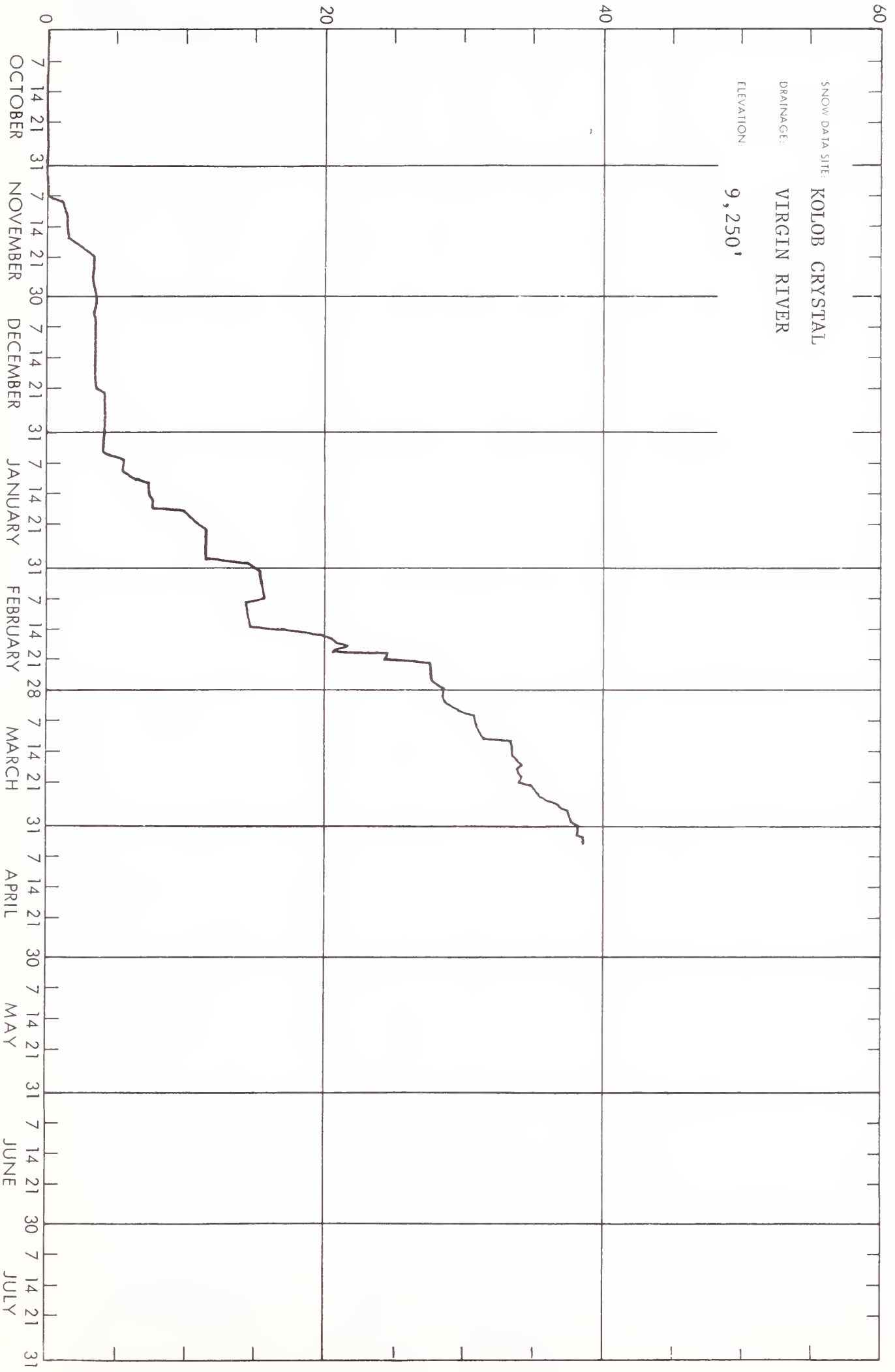


INCHES OF WATER IN SNOWPACK



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INCHES OF WATER IN SNOWPACK



SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD		PRECIPITATION (Inches)					
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)		CURRENT INFORMATION			FROM APPROX. OCT. 1 TO DATE		
				Last Year	Average †	Date of Reading	Month's Precipitation	Average †	This Year	Average †	Percent of Average
NAME											
GREAT BASIN											
UPPER BEAR RIVER (Above Harer, Idaho)											
Burts-Miller Ranch	3/24	30	9.3	5.3	6.1	3/24	1.68	--	12.95	12.00b	108
CCC Camp	3/28	48	13.6	13.4	13.4						
Hayden Fork	3/24	63*	23.0*	17.5	15.9	3/24	3.45	--	24.62	20.06b	123
Monte Cristo R.S.	4/2	81	31.1	24.7	25.9	4/2	6.09	4.68	30.47	25.95	117
Salt River Summit	3/27	55	16.4	18.4	16.9	3/27	3.12	2.97	18.68	17.23	108
Stillwater Camp	3/24	49	15.7	10.7	11.3b	3/24	2.51	--	18.31	12.39	148
Lily Lake	3/24	56	18.4	--	--						
LOWER BEAR RIVER (Below Harer, Idaho)											
Bug Lake	4/2	69	24.8	21.4	20.7a	4/2	4.10	--	24.60	--	--
Christensen Ranch	4/3	33	12.7	9.6	7.6						
Cliff Canyon	4/4	34	10.4	11.0	--						
Cub River R.S.	4/3	26	10.4	9.8	6.9						
Daniels Creek	4/4	26	9.6	6.6	--						
Dry Basin	4/3	99	38.4	30.0	30.2						
Dry Creek Flat	4/4	29	10.4	7.6	5.3						
Emigrant Summit	4/3	83	27.6	23.7	26.0						
Emigration Canyon	4/3	42	14.3	11.3	11.1						
Franklin Basin	4/3	82	32.1	27.8	28.2	4/3	8.80	--	33.30	--	--
Garden City Summit	4/2	60	21.2	20.3	18.5	4/2	3.82	3.43	19.89	19.23	103
Horseshoe Basin	4/3	96	39.8	29.8	25.6						
Klondike Narrows	4/3	64	25.9	20.7	20.7	4/3	3.95	4.25b	25.32	23.85b	98
Liberty Springs	4/4	117	40.7	40.4	39.8						
Little Bear (lower)	4/2	34	12.6	11.7	9.9						
Little Bear (upper)	4/2	46	16.7	16.0	12.9	4/2	5.40a	2.91b	28.50a	18.13b	157
Lower Elkhorn	4/4	52	18.9	12.2	14.0a						
Oxford Mountain	4/4	38	12.3	12.5	9.5a						
Slug Creek Divide	3/26	58	19.5	18.0	18.0						
Steep Hollow #1	4/3	106	42.2	37.5	38.0						
Steep Hollow #2	4/3	81	31.8	27.5	27.0						
Strawberry Creek	4/3	38	12.7	12.7	10.2						
Strawberry Mink Divide	4/3	73	29.3	23.8	21.9						
Tony Grove Lake	4/3	104	41.0	36.3	35.0a		--	4.16b	--	--	--
Tony Grove R.S.	4/3	36	14.0	14.6	11.9	4/3	3.89	2.85b	23.37	--	--
Upper Elkhorn	4/4	71	22.0	19.3	19.5a						
Willow Flat	4/3	41	20.4	19.4	14.8	4/3	4.26	4.04	26.47	22.89	116
Worm Creek	4/3	66	25.2	21.1	--						
RAFT RIVER											
Clear Creek Meadows	3/29	65	19.8	20.4	23.6						
George Peak	Not Measured			21.2	--						
One Mile Summit	3/29	26	7.5	5.9	7.6						
Vipont (A)	3/29	52	17.0	16.5	15.1a						
OGDEN RIVER											
Beaver Creek-Skunk Creek	4/2	45	18.3	14.5	12.0						
Ben Lomond Peak	4/2	132	56.5	45.3	34.1	4/2	12.10	6.17b	56.50	47.13b	120
Ben Lomond Trail	4/2	63	27.8	27.7	16.2b	4/2	6.15	3.76b	43.60	28.74b	152
Causey Dam						4/2	3.45	2.31b	19.72	14.22	139
Dry Bread Pond	4/2	71	29.5	20.6	18.9	4/2	7.90	3.88b	--	20.84	--
Sagebrush Flat	4/2	12	4.9	0.7	2.0	4/2	3.06	2.28b	20.93	14.35	146
WEBER RIVER											
Beaver Creek R.S.	3/26	44	14.9	5.8	7.2						
Chalk Creek #1	3/24	85	30.2	19.9	22.4	3/24	5.60	3.04b	30.20	17.70	171
Chalk Creek #2	3/24	63	19.3	14.7	15.6	3/24	2.80	3.11b	19.30	16.17b	119
Chalk Creek #3	3/24	41	11.9	6.8	7.5	3/24	2.78	2.68b	17.60	13.94b	126
East Shingle Lake (A)	4/4	108	41.0	--	--						
Farmington Canyon (lower)	4/2	90	34.0	30.9	22.4b	4/2	8.52	5.23b	34.05	27.63	123
Farmington Canyon (upper)	4/2	113	43.1	34.4	30.8						
Farmington G.S.						4/2	4.16	5.49	27.52	29.01	95
Horse Ridge	4/2	69	27.3	23.1	21.9b	4/2	5.92	4.24b	30.16	23.64	128
Kilfoil Creek	4/2	64	22.7	17.5	13.5b						
Lost Creek Reservoir				6.4	2.0b	4/2	2.94	--	16.45	--	--
Park City Summit	3/27	91	29.5	--	--						
Parley's Canyon Summit	3/27	78	23.5	17.8	18.5	3/27	5.96	4.07	26.19	22.55	116
Pine Canyon	4/2	67	25.2	--	--						
Redden Mine (lower)	3/24	69	24.1	17.0	18.0	3/24	4.00	--	21.53	--	--
Sargeant Lake (A)	4/4	74	26.6	--	--						
Smith & Morehouse	3/24	54	18.3	14.7	12.9	3/24	3.95	3.04	21.94	17.75	124

SNOW

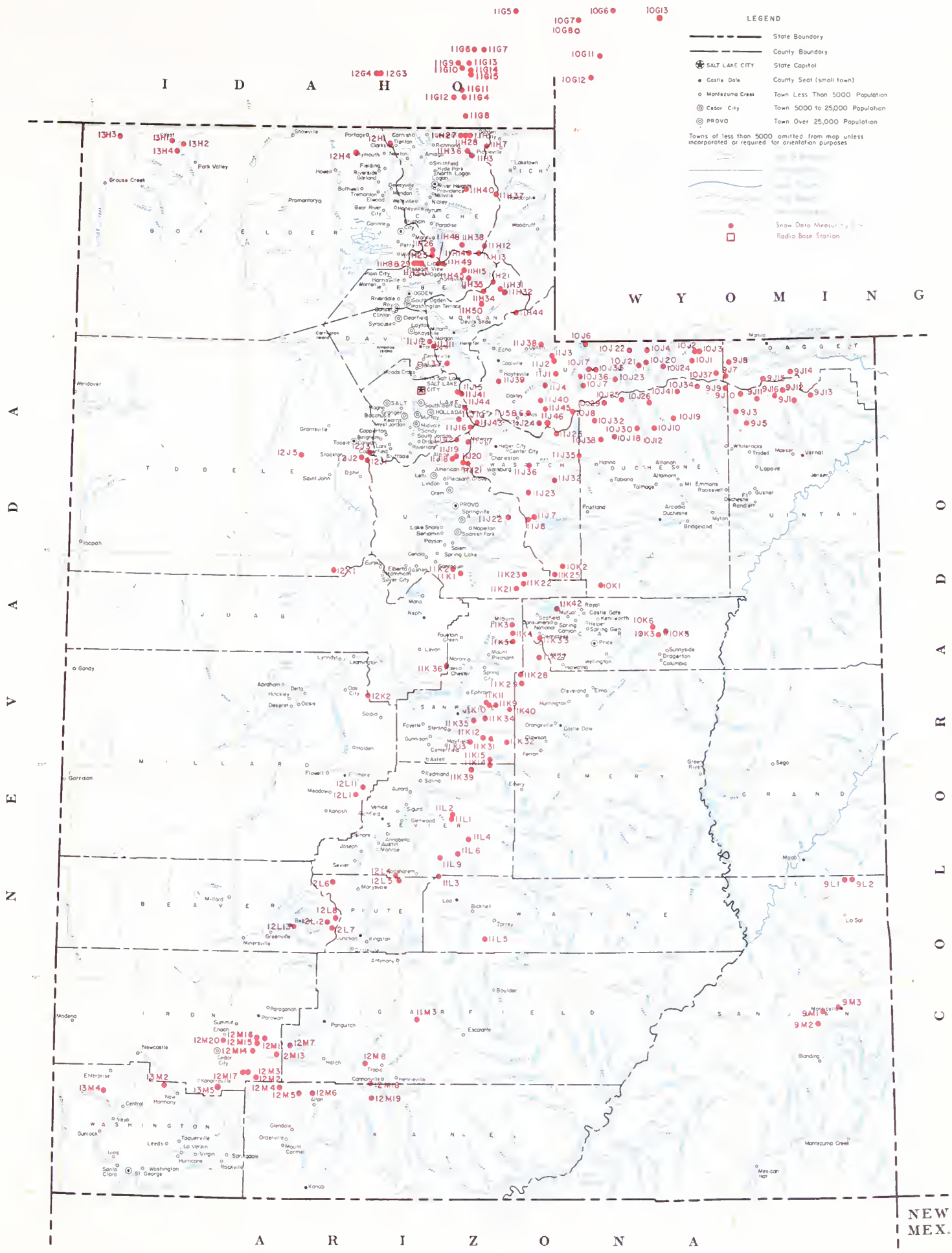
DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD		PRECIPITATION (Inches)					
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)		CURRENT INFORMATION			FROM APPROX. OCT 1 TO DATE		
				Last Year	Average †	Date of Reading	Month's Precipitation	Average †	This Year	Average †	Percent of Average
NAME											
PROVO RIVER & UTAH LAKE											
Beaver Creek Divide	3/26	54	20.1	11.5e	10.8a	3/26	4.50	--	21.10a	--	--
Camp Altamont	3/27	72	28.2	23.6	13.4						
Clear Creek Ridge #1	3/26	80	27.2	22.8	18.2	3/26	5.40	5.40b	27.20	21.20b	128
Clear Creek Ridge #2	3/26	67	21.3	17.0	13.6	3/26	4.10	2.71b	22.08	16.06b	137
Clear Creek Ridge #3	3/26	33	10.8	6.9	5.2						
Dutchman R.S.	3/28	85	33.8	22.2	15.4	3/28	5.35	3.07b	32.85	20.82	158
Hobble Creek Summit	3/26	62	21.3	21.8	12.9	3/26	3.84	2.70	25.63	17.19	149
Payson R.S.	3/26	69	24.1	22.7	18.4	3/26	3.38	2.90	23.68	17.95	132
Soapstone R.S.	3/26	54	19.2	12.4	11.6	3/26	3.45	2.40	21.02	16.22	130
South Fork R.S.	3/28	18	7.4	11.4	3.2						
Timpanogos Cave Camp	3/28	1	0.1	1.5	0.6						
Timpanogos Divide	3/27	107	40.2	31.4	23.5	3/27	5.70	3.36	40.70	25.09	162
Trial Lake	3/26	102	38.6	27.0e	23.5	3/26	4.65	3.77	32.70	23.84	137
JORDAN RIVER & GREAT SALT LAKE											
Bevan's Cabin	3/30	38	12.3	10.1	11.5						
Lamb's Canyon #2	3/27	69	21.8	14.6	--	3/27	4.07	--	21.49	--	--
Middle Canyon	3/29	44	19.2	16.9	14.1	3/29	8.80	3.39	32.80	15.92	206
Mill Creek	3/31	81	25.9	17.6	--						
Mill D South Fork	3/28	73	24.0	18.4	19.9						
Mtn. Dell Dam						WB	4.20	2.09	13.60	13.23	103
Rock Basin Settlement Canyon	3/26	105	39.8	29.2	27.1	3/26	--	--	36.82	24.01b	153
Silver Lake (Brighton)	3/28	107	37.2	28.0	24.9	WB	7.38	4.80	35.63	27.18	131
Snowbird (Gad Valley)	3/31	146	53.8	34.0	--						
Vernon Creek	3/28	59	17.3	17.4	11.2a	3/28	4.70	2.51b	23.70	15.27	155
Deseret Peak	3/26	99	33.5	30.0	--						
UPPER SEVIER RIVER (South of Richfield, Utah)											
Box Creek	3/25	63	19.7	19.0	12.9	3/25	4.13	2.79	20.04	13.89	144
Bryce Canyon	3/29	38	11.4	10.8	3.1						
Castle Valley	3/25	67	21.3	21.2	11.3	3/25	4.18	2.77	20.77	13.89	150
Duck Creek R.S.	3/29	80	28.7	29.4	11.5	3/31	5.90	3.28b	31.63	16.53	191
Farview	3/28	58	18.8	21.0	--						
Harris Flat	3/29	53	20.7	23.0	6.5	3/29	3.80a	--	21.50a	--	--
Kimberly Mine	3/25	80	25.4	20.4	15.8	3/25	4.79	3.79b	24.61	18.17	135
Midway Valley	3/29	113	38.0	43.2	20.1	3/29	4.78	3.71b	29.80	19.17b	155
Panguitch Lake	3/25	31	8.7	11.2	2.9	3/25	1.84	1.38	11.56	7.89	147
Rainbow Point	4/1	67	25.6	24.3	--						
Squaw Springs	3/25	47	14.3	12.3	6.6						
LOWER SEVIER RIVER (Including San Pitch River)											
Beaver Dams	3/26	51	16.7	15.8	10.6	3/26	4.44	2.41	19.40	13.07	148
Farnsworth Lake	3/29	88	23.5	19.0	19.5	3/29	6.60	4.33	25.85	19.56	132
G.B.R.C. Headquarters	3/26	79	26.9	23.2	15.8	3/26	5.50	4.08	26.99	18.29	148
G.B.R.C. Majors						3/31	4.00	1.56b	16.95	8.51	199
G.B.R.C. Meadows	3/26	96	31.3	29.2	22.4	3/26	6.10	4.10	30.98	21.67	143
G.B.R.C. Oaks						3/31	4.85	2.17	19.53	11.87	165
Gooseberry R.S.	3/28	65	16.8	11.8	12.0	3/28	4.66	3.04b	17.64	12.91b	137
Gooseberry Reservoir						3/27	6.17	2.75	29.77	18.11	164
Mammoth-Cottonwood Creek	3/27	89	30.6	27.0	20.3	3/27	7.50	2.75b	31.00	18.11b	171
Middle Fork	3/26	100	26.3	28.9	23.4						
Mt. Baldy R.S.	3/26	102	30.8	34.8	21.8	3/26	5.31	3.14	25.97	16.90	154
Oak Creek	3/27	67	21.6	--	11.5b	3/27	2.65	--	25.47	13.78b	185
Pickle Keg Springs	3/26	70	22.9	17.0	16.1b	3/26	5.90b	--	24.90	--	--
Pine Creek	3/25	62	19.7	15.8	15.2	3/25	5.13	4.94	23.25	23.47	99
Ree's Flat	3/26	61	19.1	14.1	12.2	3/26	4.83	--	22.55	--	--
Shingle Mill	3/27	32	11.2	--	8.4	3/27	3.60	3.10	28.30	15.68	180
Thistle Flat	3/26	72	22.8	20.5	15.9						
BEAVER RIVER											
Beaver Race Track	Not Measured			0.2	--			1.72		8.53	
Big Flat	3/25	92	28.4	27.7	16.1	3/25	5.14	3.00	25.65	15.53	165
Merchant's Valley (upper)	3/25	68	20.0	17.4	9.7b	3/25	4.85	2.96b	22.00	14.25	154
Otter Lake	3/25	76	21.9	24.0	12.3						

SNOW

SNOW	THIS YEAR			PAST RECORD		PRECIPITATION (Inches)						
	DRAINAGE BASIN and/or SNOW COURSE NAME	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)		CURRENT INFORMATION			FROM APPROX. OCT 1 TO DATE		
					Last Year	Average †	Date of Reading	Month's Precipitation	Average †	This Year	Average †	Percent of Average
PAROWAN CREEK												
Birch Crossing	3/27	42	13.7	13.5	5.3b							
Brian Head	3/25	97	30.8	30.0	19.9b							
Tall Poles	3/31	86	27.5	21.2	13.8b	3/31	6.15	3.02b	26.40	14.89b	177	
Yankee Reservoir	3/25	57	14.0	15.2	9.0	3/25	3.75	2.73b	17.43	12.13	144	
ENTERPRISE TO NEW HARMONY DRAINAGES												
Little Grassy Creek	3/29	18	8.0	13.7	2.0	3/29	4.81	2.16	24.06	14.49	166	
Long Flat	3/29	46	15.4	15.4	5.5	3/29	4.59	2.40	21.60	11.63	186	
COAL CREEK												
Cedar City Golf Course SUSC Ranch	3/27	47	17.8	19.8	6.1b							
COLORADO RIVER DRAINAGE												
UPPER GREEN RIVER - UTAH												
Ashley-Twin Lakes (A)	4/2	84	25.2	--	--							
Black's Fork G.S.-East Fork	3/24	44	13.6	11.7	9.0	3/24	2.45	2.43	15.13	11.94	127	
Black's Fork Junction	3/24	47	15.1	11.0	9.2	3/24	2.03	2.25	16.02	11.62	138	
Buck Pasture (A)	4/2	75	24.0	--	--							
Burnt Creek	3/26	28	7.8	6.0	--	3/26	1.50	1.51b	12.40	8.83b	140	
Dutch John Junction	3/26	27	8.0	5.8	--							
Grizzly Ridge	3/26	56	17.3	13.3	--	3/26	3.30	2.23b	19.55	12.78	153	
Henrys Fork (A)	4/2	61	18.3	--	--							
Hewinta G.S.	3/24	46	15.0e	12.0	9.4							
Hickerson Park	3/25	44	14.6	5.7	5.9b	3/25	1.63	2.50 1.76b	11.85	12.50 9.41b	126	
Hole in the Rock	3/28	37	8.9	7.1	5.0							
Hole in the Rock G.S.	3/28	38	9.1	5.6	1.4							
King's Cabin (upper)	3/25	59	18.5	15.5	9.8	3/25	3.39	1.90	17.54	11.14	157	
Middle Beaver Creek	3/28	52	12.5	6.3	4.5b							
Reynolds Park (A)	4/2	80	22.4	--	--							
Spirit Lake	3/25	65	19.1	18.0	12.1	3/25	3.50	2.57b	18.40	13.61b	135	
Steel Creek Park	3/24	66	21.0	17.0	15.6	3/24	2.60a	2.75b	17.50	20.85b	84	
Trout Creek	3/25	58	18.1	16.7	--	3/25	3.25	--	17.85	--	--	
Windy Park (A)												
DUCHESNE RIVER												
Atwood Lake (A)	4/2	51	16.3									
Brown Duck Ridge	3/26	85	22.5	22.0e	17.4a	3/26	3.60	3.41b	26.80	20.70b	129	
Chepeta-Whiterocks (A)	4/2	77	21.6	--	--							
Currant Creek	3/26	58	19.2	14.3	7.7	3/26	3.32	2.14b	22.31	13.79b	162	
Daniels-Strawberry	3/26	67	24.7	18.2	13.7	3/26	5.21	2.68	29.52	17.81	166	
East Portal	3/31	59	17.8	16.0	10.9	3/31	4.02	2.51b	24.19	16.73	145	
Five Points Lake (A)	4/2	81	25.9	--	--							
Indian Canyon	3/27	62	19.7	21.7e	12.0	3/27	2.94	1.91	20.40	12.78	160	
Jackson Park	3/26	72	22.7	13.8e	11.5b	3/26	3.55	--	20.60	--	--	
Lakefork Basin (A)	4/2	79	22.9	--	--							
Lakefork Mountain	3/26	59	19.1	12.7e	10.6	3/26	2.86	2.08	18.52	12.62	147	
Lakefork Mountain #3	3/26	47	14.4	6.4e	5.3							
Lightning Lake (A)	4/2	90	34.2	--	--							
Mosby Mountain	3/25	68	18.7*	15.7	8.6	3/25	4.00	1.47	19.50	12.00	162	
Paradise Park	3/25	69	19.3	21.5e	11.8	3/26	4.45	1.78b	17.90	13.05	137	
Rock Creek Ranch	3/26	44	12.3	7.3	5.8	3/26	2.42	--	17.12	11.04	155	
Strawberry Divide	3/31	81	27.3	23.2	18.5	3/31	4.00a	--	28.00	--	--	
PRICE RIVER												
Dry Valley Divide Alternate	3/27	51	16.9	15.4	--							
Mud Creek	3/27	71	23.1	17.1	12.3	3/27	4.47	2.56	22.65	14.25	159	
White River #1	3/27	58	20.1	18.8	12.8	3/27	3.30	2.14	18.95	13.22	143	
White River #3	3/27	41	13.8	9.1	6.1							

SNOW

DRAINAGE BASIN and/or SNOW COURSE NAME	THIS YEAR			PAST RECORD		PRECIPITATION (Inches)					
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)		CURRENT INFORMATION			FROM APPROX. OCT 1 TO DATE		
				Last Year	Average +	Date of Reading	Month's Precipitation	Average +	This Year	Average +	Percent of Average
<u>SAN RAFAEL RIVER</u>											
Buck Flat	3/26	82	25.6	23.0	15.4	3/26	5.19	2.71	25.66	17.21	149
Huntington-Horseshoe	3/27	94	32.3	28.8	22.7						
Orange Olsen	3/28	31	9.3	--	--	3/28	2.27	1.01b	13.94	7.40	188
Red Pine Ridge	3/28	78	24.2	20.3	16.5	3/28	5.42	3.54	25.55	19.79	129
Seeley Creek R.S.	3/26	68	24.0	19.1	16.0						
Stuart R.S.	3/27	52	16.8	11.3	6.5	3/27	2.31	--	16.30	11.62	140
Upper Joe's Valley	3/28	58	17.2	13.2	9.5						
Wrigley Creek	3/26	62	19.6	17.9	10.1						
<u>MUDDY RIVER</u>											
Black's Fork	3/26	64	20.1	15.6	12.6						
Dill's Camp	3/26	65	20.2	14.6	11.4	3/26	3.91	--	20.34	14.40b	141
<u>FREMONT RIVER</u>											
Black's Flat-U.M. Creek	3/29	57	16.8	13.0	10.4	3/29	4.46	2.46b	18.12	12.10b	150
Donkey Reservoir	3/29	58	14.8	--	6.9b						
Fish Lake	3/25	37	10.6	15.2	7.0	3/25	2.27	1.68	25.87	9.18	282
Johnson Valley	3/25	44	12.4	11.4	6.1						
<u>SOUTHEASTERN UTAH DRAINAGES</u>											
Buckboard Flat	3/25	75	23.3	27.6	11.7	3/25	3.48	2.96	18.66	18.14	103
Camp Jackson	3/25	82	26.6	28.0	10.8	3/25	4.92	2.51	19.19	16.78	114
LaSal Mountain (lower)	3/26	71	19.8	14.6	8.6						
LaSal Mountain (upper)	3/26	88	26.2	25.8	15.3	3/26	8.00a	3.14	25.08a	14.18	177
Monticello City Park	3/26	1	0.1e	0.0	--						
<u>ESCALANTE RIVER</u>											
Widtsoe-Escalante #3	3/29	64	20.3	24.0	9.9	3/29	4.20	2.40	19.86	12.07	165
<u>VIRGIN RIVER</u>											
Kolob-Crystal	3/29	115	39.0	45.0	21.8a						
Long Valley Junction	3/29	34	14.7	13.6	2.7						
Webster Flat	3/29	105	33.5	36.6	15.7	3/29	6.99	4.00	36.32	19.15	190
a - Partly Estimated b - Average of past record in average period - less than 15 years + - 1963-77 15 year average period (A) - Aerial Marker Reading											



- LEGEND
- State Boundary
 - County Boundary
 - State Capital
 - County Seat (small town)
 - Town Less Than 5000 Population
 - Town 5000 to 25,000 Population
 - Town Over 25,000 Population
 - Towns of less than 5000, omitted from map unless incorporated or required for orientation purposes
 - Snow Data Measuring Site
 - Radio Base Station

SNOW COURSES AND RELATED DATA MEASURING SITES

UTAH

1980



USGS National Atlas 1:1,000,000 Albers Equal-Area projection (1967) used as source for base map and adopted for SCS use.

INDEX TO UTAH, BEAR & UPPER COLORADO RIVER BASINS

GREAT BASIN DRAINAGE

NO.	STATE	NAME	SEC.	TWP.	RGE.	ELEV.	NO.	STATE	NAME	SEC.	TWP.	RGE.	ELEV.	NO.	STATE	NAME	SEC.	TWP.	RGE.	ELEV.									
UPPER BEAR RIVER (above Harer, Idaho)																				(continued)									
10G11	W	Big Park	7	27N	117W	8,700	11J25P	U	Sootstone R.S.	9	35	8E	7,800	9J1PST	U	UPPER GREEN RIVER IN UTAH (above Duchesne River)	22	15	21E	8,730									
10J6P	U	Burbs-Miller Ranch	19	27N	10E	7,900	11J19	U	South Fork R.S.	24	45	7W	9,250	10J37p	U	King's Cabin (upper)	26	1N	17E	10,680									
10G7	W	CCC Camp x	29N	118W	118W	7,500	11J18	U	Timpanogas Cave Comp	37	45	2E	5,140	10J2	U	McGey Park	31	3N	17E	10,680									
10J34p	U	GOLD Hill	15	11N	9E	10,000	11J21PST	U	Timpanogas Divide	33	45	3E	8,140	9J1QaP	U	Middle Beaver Creek	31	3N	16E	8,650									
10J75T	U	Hayden Fork	25	11N	9E	9,400	10J8PST	U	Triol Lake	5	25	9E	9,960	9J7P	U	Reynolds Park	9	15	18E	10,400									
10G12	W	Kelly Ranger Station	26N	118W	118W	8,200			JORDAN RIVER & GREAT SALT LAKE					10J20PST	U	Spirit Lake	10	1N	17E	10,300									
10J35p	U	Lily Lake	34	28N	10E	8,050			Devon's Cabin	24	45	4W	6,450	9J16PST	U	Steel Creek	17	2N	13E	10,100									
11H12PST	U	Monte Cristo R.S.	29	30N	116W	8,500	12J2	U	Deseret Peak	15	45	7W	9,250	9J112ap	U	Trout Creek	2	15	20E	9,400									
10G6	W	Payson Meadows	29	30N	116W	8,500	12J5P	U	Lomb's Canyon #2	21	15	3E	7,000			Windy Park													
10G13MP	W	Salt River Basin x	32	29N	118W	7,900	11J41P	U	Middle Canyon	21	15	3W	7,000			DUCHESNE RIVER													
10J17P	U	Stillwater Comp	32	29N	118W	8,400	12J3P	U	Rock Creek	23	15	3W	7,000	10J41ap	U	Atwood Lake	13	4N	4W	10,840									
					10E	8,550	11J44	U	Rocky Basin	25	15	2E	6,950	10J30PST	U	Brown Duck Ridge	3	4N	4W	10,600									
LOWER BEAR RIVER (below Harer, Idaho)																													
11H37pST	U	Bug Lake	18	11N	5E	7,950	12J1P	U	Rocky Basin-Serlement Canyon	30	45	3E	8,900	11J32MPST	U	Chapero-Whiterocks Lakes	26	15	11W	10,350									
11G11	U	Christensen Ranch	27	13S	41E	5,600	12J5P	U	Silver Lake (Brighton)	35	25	3E	8,725	11J7P	U	Daniels-Strawberry Summit	36	7S	6E	7,560									
11H38p	U	Cinnamon Creek	5	8N	3E	7,300	12J1P	U	Snow Bird (Gad Valley)	18	35	3E	9,700	10J26ap	U	East Portal	28	4N	5W	11,000									
12H1P	U	Clarkston Mountain	29	14N	2W	6,300	12K1PST	U	Vernon Creek	21	105	5W	7,500	10K1PST	U	Five Point Lake	28	4N	5W	11,000									
11G12	U	Cub River Ranger Station	30	13S	42E	7,900			UPPER SEVIER RIVER (South of Richfield, Utah)					10J19p	U	Indian Canyon	2	11S	10E	9,100									
12G4	U	Dry Basin	31	13S	37E	6,350	12L4PST	U	Box Creek	33	26S	2W	9,300	10J34p	U	Jackson Park	25	3N	4W	10,600									
12G4	U	Dry Basin	31	13S	37E	6,350	12M13PST	U	Bryce Canyon	36	36S	4W	8,000	10J34p	U	Kidney Lake	25	3N	4W	10,600									
11G6	U	Emigrant Summit	31	12S	42E	6,500	12M14P	U	Castle Valley	11	38S	8W	9,580	10J10PST	U	Lake Fork Basin	28	3N	3W	11,000									
11G6MPST	U	Franklin Canyon (mouth)	21	12S	42E	6,500	12M18	U	Duck Creek R.S.	22	37S	4W	8,200	10J12	U	Lakefork Mountain #3	20	2N	5W	10,200									
11H7MP	U	Franklin Canyon	21	12S	42E	6,500	12M18	U	Forview	22	37S	4W	8,200	9J3P	U	Lightning Lake	23	4N	8W	10,500									
11H40p	U	Garden City Summit	34 & 35	14N	41E	7,000	11J9p	U	Harris Flat	24	38S	7W	7,700	10J18P	U	Moby Mountain	33	3N	1E	9,500									
11H40p	U	Herd Hollow	31	11N	3E	7,200	12L6PST	U	High-Top Mountain	36	23S	1E	11,400	10J32p	U	Paradise Park	7	3N	1E	10,100									
11G15a	U	Honeshoe Basin	31	13S	42E	8,000	12L6PST	U	Kimberly Mine	24	37S	5W	9,300	11J8PST	U	Rock Creek	21	2N	7W	7,900									
11H1MP	U	Klondike Narrows	10	14N	3E	7,400	12M7P	U	Kimbrough	24	37S	5W	9,300	11J32p	U	Shadow Lake	29	3N	8W	10,150									
11G13	U	Liberty Springs	7	13S	42E	8,240	12M7P	U	Knobloch Lake	4 & 5	36S	7W	8,200	11J35P	U	Strawberry Divide	2	4S	12W	8,400									
11H26	U	Little Bear (lower)	22	8N	1E	6,000	12M19	U	Reliance Point	29	38S	4W	9,100			West Fork of the Duchesne	22	1N	11W	9,480									
11H25PST	U	Little Bear (upper)	16	8N	1E	6,550	12L5	U	Squaw Springs	3	27S	2W	9,300			PRICE RIVER													
12G3	U	Oxford Mountain	32	13S	37E	6,800			LOWER SEVIER RIVER (Including San Pitch River)					10K5M	U	Camel	32	13S	14E	8,200									
11G5	U	Slug Creek Divide	15	10S	44E	7,225	11K13P	U	Beaver Dam	22	19S	3E	8,000	11K42P	U	Grassy Valley Divide-Alternate	14	11S	7E	8,700									
11H27	U	Steep Hollow #1	9	14N	3E	8,500	11K11P	U	Fansworth Lake	34	23S	2E	9,600	10K3M	U	Grassy Valley Divide-Left Fork	1	14S	7E	8,700									
11H28	U	Strawberry Peak	9	14N	3E	7,800	11K10P	U	G. B. R. C. Headquarters	21	17S	4E	8,700	10K6	U	Mud Creek	4	14S	7E	8,700									
11G2	U	Strawberry Mkt Divide	9	13S	41E	8,000	11K3PST	U	G. B. R. C. Meadows	27	17S	4E	10,000	10K2MPST	U	Timberline	23	13S	13E	9,100									
11G10	U	Tony Grove Lake	14	13S	41E	8,000	11K3MPST	U	Gooseberry R.S.	21	23S	2E	8,000	11K25	U	White River #1	11	10S	8E	8,550									
11H36P	U	Tony Grove Lake	5	13N	3E	8,400	11K34	U	Manmoth R.S.-Cottonwood Creek	13	13S	5E	8,800			White River #3	30	10S	8E	7,400									
11H3MP	U	Tony Grove Ranger Station	11	13N	3E	6,250	11K35	U	Middle Fork	16	18S	4E	9,500																
11G4P	U	Willow Flat	2	15S	41E	6,100			BEAVER RIVER					11K31PST	U	Buck Flat	23	19S	4E	9,400									
RAFT RIVER																													
13H2a	U	Clear Creek Meadows	26	14N	14W	9,050	11K12P	U	Mt. Baldy R.S.	19	17S	4E	9,500	11K4	U	Hoodberry Reservoir	25	13S	5E	8,900									
13H4P	U	George Peak	17	14N	14W	7,300	12K5PST	U	Pick Keg Springs	9	17S	3W	7,760	11K5P	U	Hoodberry Reservoir	12	14S	5E	8,900									
13H3a	U	One Mile Summit	17	14N	17W	7,670	12L1P	U	Pick Keg Springs	4	23S	4W	8,700	11K5P	U	Orange Olsen	31	17S	6E	7,200									
		VfPort					11K36	U	Rees's Flat	20	15S	2E	7,300	11K28PST	U	Red Pine Ridge	5	16S	6E	9,200									
OGDEN RIVER																													
11H14M	U	Beaver Creek-Skunk Creek	22	8N	3E	7,150	12L11P	U	Thistle Flat	19	18S	3E	8,760	11K9PST	U	Seeley Creek	25	17S	4E	10,000									
11H30PST	U	Ben Leonard Peak	3	7N	1W	8,000			BEAVER RIVER					11K27P	U	Stuart R.S.	8	15S	7E	7,950									
11H35p	U	Ben Leonard Trail	7	7N	3E	5,500	12L13	U	Beaver Race Track	23	29S	7W	6,020	11K29	U	Upper Joe's Valley	21	16S	6E	8,900									
11H34p	U	Cousen Dam	34	7N	3E	5,500	12L7PST	U	Big Flat	7	29S	4W	10,290	11K32	U	Wrigley Creek	27	19S	5E	9,000									
11H34p	U	Dry Breed Pond	19	8N	4E	8,350	12L12PST	U	Merchant's Valley (upper)	8	29S	5W	8,750			MUDDY RIVER													
11H34p	U	Guidler's Peak	21	6N	4E	8,050	12L8	U	Other Lake	12	29S	5W	9,600	11K14	U	Black's Fork	34	20S	4E	9,200									
11H45p	U	Middle Fork Ogden	16	7N	2E	8,420			PAROWAN CREEK					11K15PST	U	Dill's Camp	27	20S	4E	9,200									
11H49	U	Powder Mountain Hicaway	6	7N	2E	8,250	12M16	U	Birch Crossing	23	35S	9W	8,100			Black's Fork													
11H48	U	Powder Mountain Sundown	7	7N	1E	8,400	12M14	U	Brian Head	10	36S	9W	10,000			Dill's Camp													
11H15P	U	Sagebrush Flat	21	7N	3E	6,300	12M15P	U	Tail Poles	26 & 35	35S	8W	8,700	11L4P	U	Black's Flat-U.M. Creek	33	24S	3E	9,400									
WEBER RIVER																													
11J24	U	Beaver Creek R.S.	28	2S	7E	7,500	12M11P	U	Yankee Reservoir	20	35S	8W	8,700	11L5	U	Donkey Reservoir	9	30S	4E	9,800									
11J1PST	U	Chalk Creek #1	4	1N	8E	9,100			ENTERPRISE TO NEW HARMONY DRAINAGES					11L3P	U	Fish Lake	35	26S	1E	8,700									
11J2PST	U	Chalk Creek #2	29	2N	8E	8,200	13M4MP	U	Little Grassy Creek	14	38S	18W	6,100	11L6	U	Johnson Valley	24	25S	2E	8,850									
11J3MP	U	Chalk Creek #3	7	2N	8E	7,500	13M2MPST	U	Long Flat	2	38S	14W	8,000			SOUTHEASTERN UTAH DRAINAGES													
11J4S	U	East Shingle Lake	4	2N	8E	6,950			COAL CREEK					9M1P	U	Buckboard Flat	36	33S	22E	9,000									
11J11PST	U	Emigration Canyon (lower)	15	3N	1E	8,000	12M20	U	Gedar City Golf Course	11	36S	11W	5,800	9M2P	U	Camp Jackson	26	33S	22E	9,000									
11J11PST	U	Emigration Canyon (upper)	23	3N	1E	8,000																							

Agencies Cooperating in Utah Snow Surveys

U.S. GOVERNMENT AGENCIES

U.S. Department of Agriculture
Soil Conservation Service
Forest Service
U.S. Department of Commerce
NOAA, National Weather Service
U.S. Department of Interior
Bureau of Reclamation
Geological Survey
National Park Service

STATE AGENCIES

Utah State University
Utah Fish and Game Department
Utah State Department of Natural
Resources, Division of Water Rights
Bear River Commissioner
Price River Commissioner
Provo River Commissioner
Sevier River Commissioners
Spanish Fork River Commissioner
Utah Lake and Jordan River Commissioner

MUNICIPALITIES

Manti
Salt Lake City

ORGANIZED PUBLIC AGENCIES

Beaver River Water Users Association
Board of Canal Presidents - Jordan River
Emery Canal and Reservoir Company
Moon Lake Water Users Association
Ogden River Water Users Association
Provo River Water Users Association
Strawberry Water Users Association
Sevier River Water Users Association

PRIVATE AGENCIES

Kaiser Steel Corporation

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